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Metropolitan Housing Characteristics

WILLIAMSPORT, PA.

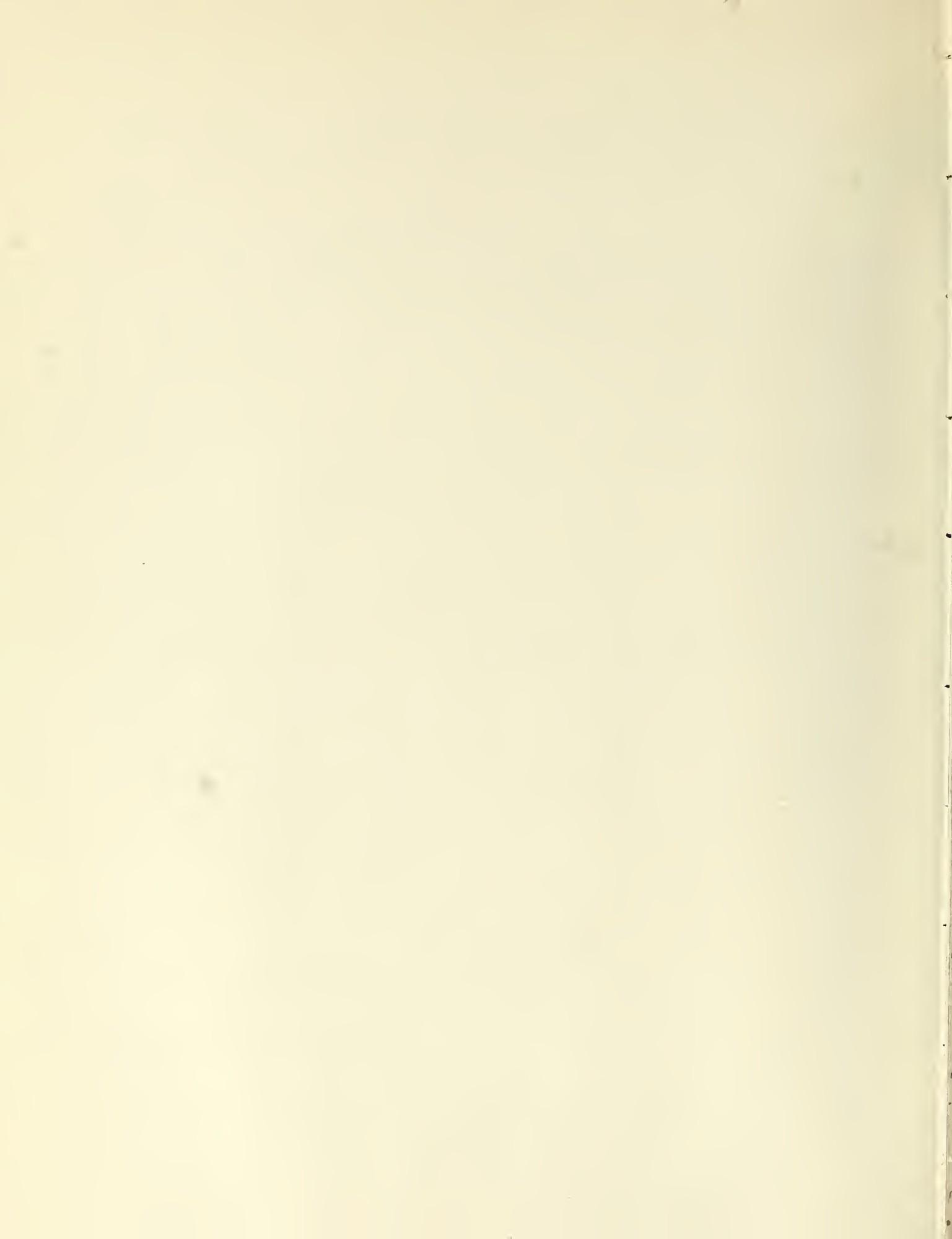
STANDARD METROPOLITAN STATISTICAL AREA

1980

Census of Housing

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1980 Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

WILLIAMSPORT, PA.

HC80-2-373

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

Data Index

For list of contents see page IX.

	Table
Value	1, 14, 25, 36, 47, 58
Gross Rent	2, 15, 26, 37, 48, 59
Income and Poverty Status in 1979 of Owner- Occupied Housing Units	3, 16, 27, 38, 49, 60
Income and Poverty Status in 1979 of Renter- Occupied Housing Units	4, 17, 28, 39, 50, 61
Selected Monthly Owner Costs for Mortgaged Housing Units	5, 18, 29, 40, 51, 62
Selected Monthly Owner Costs for Not Mortgaged Housing Units	6, 19, 30, 41, 52, 63
Year Structure Built	7, 20, 31, 42, 53, 64
Units in Structure	8, 21, 32, 43, 54, 65
Size of Household	9, 22, 33, 44, 55, 66
Household Composition and Age of Householder . .	10, 23, 34, 45, 56, 67
One-Person Households	11, 24, 35, 46, 57, 68
Duration of Vacancy	12
Price Asked and Rent Asked	13



BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

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List of HC80-2, Metropolitan Housing Characteristics, Reports

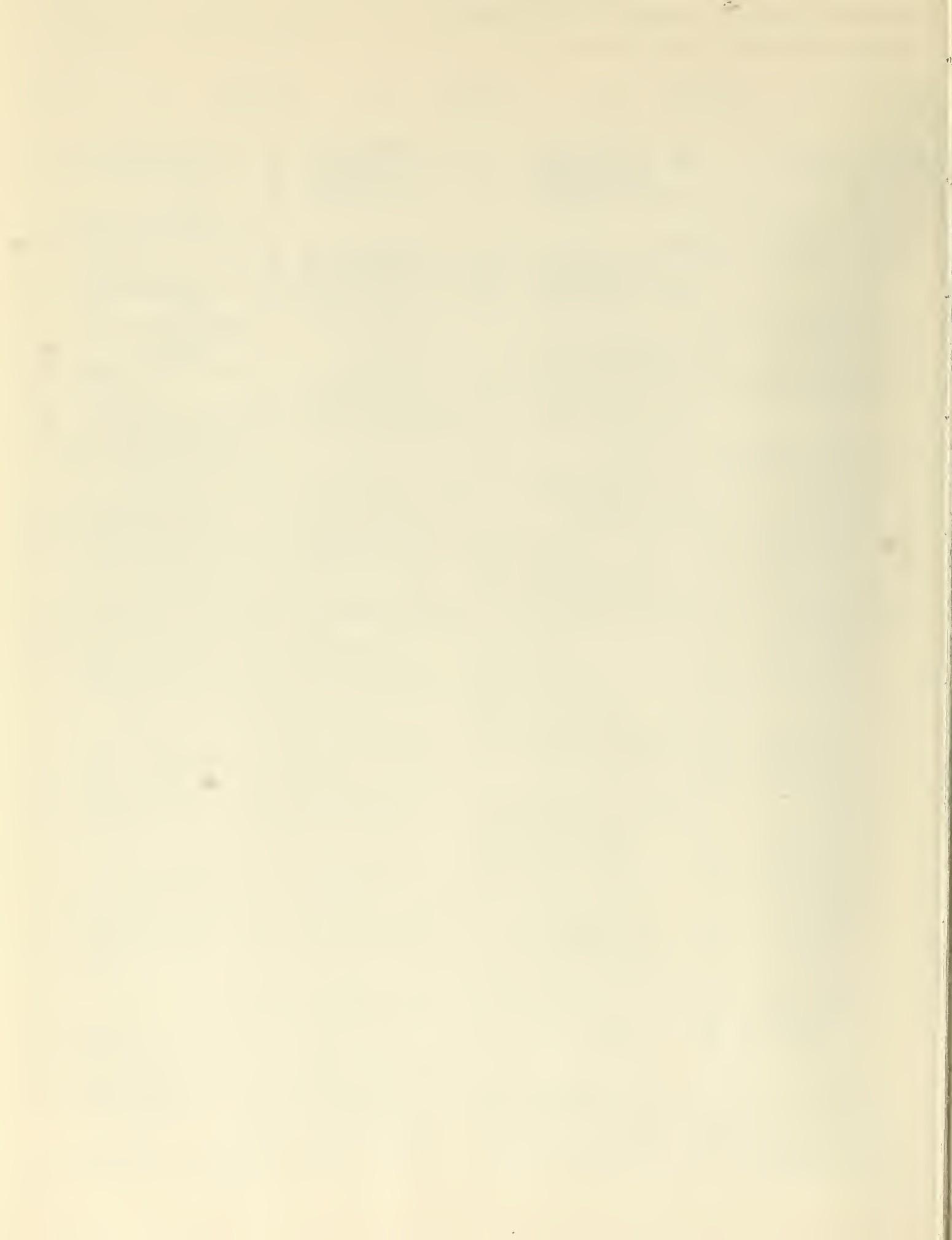
Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North
2	Alabama	42	South Carolina	78	Atlantic City, N.J.		Charleston, S.C.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.	115	Charleston, W. Va.
4	Arizona	44	Tennessee	80	Austin, Tex.		
5	Arkansas	45	Texas	81	Bakersfield, Calif.	116	Charlotte-Gastonia, N.C.
6	California	46	Utah	82	Baltimore, Md.	117	Charlottesville, Va.
7	Colorado	47	Vermont	83	Bangor, Maine	118	Chattanooga, Tenn.-Ga.
8	Connecticut	48	Virginia	84	Baton Rouge, La.	119	Chicago, Ill.
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-III.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.		
26	Mississippi	66	Amarillo, Tex.	102	Bristol, Conn.	136	Daytona Beach, Fla.
27	Missouri	67	Anaheim-Santa Ana-Garden Grove, Calif.	103	Brockton, Mass.	137	Decatur, Ill.
28	Montana	68	Anchorage, Alaska	104	Brownsville-Harlingen-San Benito, Tex.	138	Denver-Boulder, Colo.
29	Nebraska	69	Anderson, Ind.	105	Bryan-College Station, Tex.	139	Des Moines, Iowa
30	Nevada	70	Anderson, S.C.	106	Buffalo, N.Y.	140	Detroit, Mich.
31	New Hampshire	71	Ann Arbor, Mich.	107	Burlington, N.C.	141	Dubuque, Iowa
32	New Jersey	72	Anniston, Ala.	108	Burlington, Vt.	142	Duluth-Superior, Minn.-Wis.
33	New Mexico	73	Appleton-Oshkosh, Wis.	109	Caguas, P.R.	143	Eau Claire, Wis.
34	New York	74	Arecibo, P.R.	110	Canton, Ohio	144	El Paso, Tex.
35	North Carolina	75	Asheville, N.C.	111	Casper, Wyo.	145	Elkhart, Ind.
36	North Dakota	76	Athens, Ga.	112	Cedar Rapids, Iowa		
37	Ohio			113	Champaign-Urbana-Rantoul, Ill.	146	Elmira, N.Y.
38	Oklahoma					147	Enid, Okla.
39	Oregon						
40	Pennsylvania						

List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
148	Erie, Pa.	187	Indianapolis, Ind.	227	Louisville, Ky.-Ind.	265	Norfolk-Virginia Beach-Portsmouth, Va.-N.C.
149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.	266	Northeast Pennsylvania
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.	267	Norwalk, Conn.
		190	Jackson, Miss.	230	Lynchburg, Va.	268	Ocala, Fla.
151	Fall River, Mass.-R.I.			231	Macon, Ga.	269	Odessa, Tex.
152	Fargo-Moorhead, N. Dak.-Minn.	191	Jacksonville, Fla.	232	Madison, Wis.	270	Oklahoma City, Okla.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	271	Olympia, Wash.
154	Fayetteville-Springdale, Ark.	194	Jersey City, N.J.	234	Mansfield, Ohio	272	Omaha, Nebr.-Iowa
155	Fitchburg-Leominster, Mass.	195	Johnson City-Kingsport-Bristol, Tenn.-Va.	235	Mayagüez, P.R.	273	Orlando, Fla.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	274	Owensboro, Ky.
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	275	Oxnard-Simi Valley-Ventura, Calif.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville-Cocoa, Fla.		
159	Fort Collins, Colo.	199	Kankakee, Ill.			276	Panama City, Fla.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	241	Miami, Fla.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	204	Kokomo, Ind.	242	Midland, Tex.		
165	Fresno, Calif.	205	La Crosse, Wis.	243	Milwaukee, Wis.	281	Peoria, Ill.
		206	Lafayette, La.	244	Minneapolis-St. Paul, Minn.-Wis.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.	245	Mobile, Ala.	283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.					284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.	246	Modesto, Calif.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.		
170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	249	Muncie, Ind.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.-Minn.	212	Laredo, Tex.	250	Muskegon-Norton Shores-Muskegon Heights, Mich.	288	Ponce, P.R.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	291	Portsmouth-Dover-Rochester, N.H.-Maine
175	Green Bay, Wis.	216	Lawrence-Haverhill, Mass.-N.H.	254	New Bedford, Mass.	292	Poughkeepsie, N.Y.
		217	Lawton, Okla.	255	New Britain, Conn.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
176	Greensboro-Winston-Salem-High Point, N.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
177	Greenville-Spartanburg, S.C.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
178	Hagerstown, Md.	220	Lima, Ohio			296	Racine, Wis.
179	Hamilton-Middletown, Ohio	221	Lincoln, Nebr.	258	New London-Norwich, Conn.-R.I.	297	Raleigh-Durham, N.C.
180	Harrisburg, Pa.	222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	298	Reading, Pa.
		223	Long Branch-Asbury Park, N.J.	260	New York, N.Y.-N.J.	299	Redding, Calif.
181	Hartford, Conn.	224	Longview-Marshall, Tex.	261	Newark, N.J.	300	Reno, Nev.
182	Hickory, N.C.	225	Lorain-Elyria, Ohio	262	Newark, Ohio	301	Richland-Kennewick-Pasco, Wash.
183	Honolulu, Hawaii			263	Newburgh-Middletown, N.Y.	302	Richmond, Va.
184	Houston, Tex.	226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	303	Riverside-San Bernardino-Ontario, Calif.
185	Huntington-Ashland, W. Va.-Ky.-Ohio						
186	Huntsville, Ala.						

List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.	356	Tulsa, Okla.	375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
318	San Angelo, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	377	Yakima, Wash.
319	San Antonio, Tex.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
320	San Diego, Calif.	340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.	361	Victoria, Tex.	380	Yuba City, Calif.
322	San Jose, Calif.	342	Stamford, Conn.				



APPENDICES

A. Area Classifications	A-1
B. Definitions and Explanations of Subject Characteristics	B-1
C. General Enumeration and Processing Procedures	C-1
D. Accuracy of the Data	D-1
E. Facsimiles of Respondent Instructions and Questionnaire Pages	E-1
F. Publication and Computer Tape Program	F-1

Introduction

GENERAL.	VII
CONTENTS OF THE REPORT	VII
DERIVED FIGURES (Means, Medians, and Percents)	VIII
SYMBOLS AND GEOGRAPHIC ABBREVIATIONS	VIII
SUPPRESSION OF DATA FOR CONFIDENTIALITY.	VIII

GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980

**Census of
Housing**

Metropolitan Housing Characteristics

WILLIAMSPORT, PA.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-373

Contents

Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
Index of Tables —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear	IX
List of Tables —shows the table numbers and titles for each of the 68 tables	X
Table Finding Guide —shows the tables in which the various subject cross-classifications presented in the report appear	XII
Map —Standard Metropolitan Statistical Areas, Counties, and Selected Places	XIV

INDEX OF TABLES

Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13 Total	Tables 14-24 White	Tables 25-35 Black	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
SMSA total	A	Pages 1 to 12	Pages —	Pages —	Pages —	Pages —	Pages —
Williamsport	B	13 to 24	—	—	—	—	—

LIST OF TABLES

(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

TABLES

1. Value of Owner-Occupied Housing Units: 1980
2. Gross Rent of Renter-Occupied Housing Units: 1980
3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980
4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980
5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980
6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980
7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980
8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980
9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980
10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980
11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980
12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980
13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980
14. Value of Owner-Occupied Housing Units With a White Householder: 1980
15. Gross Rent of Renter-Occupied Housing Units With a White Householder: 1980
16. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a White Householder: 1980
17. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a White Householder: 1980

TABLES

18. Selected Monthly Owner Costs for Mortgaged Housing Units With a White Householder: 1980
19. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a White Householder: 1980
20. Year Structure Built for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
21. Units in Structure for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
22. Owner- and Renter-Occupied Housing Units With a White Householder by Size of Household: 1980
23. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
24. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
25. Value of Owner-Occupied Housing Units With a Black Householder: 1980
26. Gross Rent of Renter-Occupied Housing Units With a Black Householder: 1980
27. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Black Householder: 1980
28. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Black Householder: 1980
29. Selected Monthly Owner Costs for Mortgaged Housing Units With a Black Householder: 1980
30. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Black Householder: 1980
31. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
32. Units in Structure for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
33. Owner- and Renter-Occupied Housing Units With a Black Householder by Size of Household: 1980
34. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
35. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980

TABLES

36. Value of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
37. Gross Rent of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
38. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
39. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
40. Selected Monthly Owner Costs for Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
41. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
42. Year Structure Built for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
43. Units in Structure for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
44. Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder by Size of Household: 1980
45. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
46. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
47. Value of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
48. Gross Rent of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
49. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
50. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
51. Selected Monthly Owner Costs for Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980

TABLES

52. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980
53. Year Structure Built for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
54. Units in Structure for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
55. Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder by Size of Household: 1980
56. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
57. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
58. Value of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
59. Gross Rent of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
60. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
61. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
62. Selected Monthly Owner Costs for Mortgaged Housing Units With a Spanish Origin Householder: 1980
63. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Spanish Origin Householder: 1980
64. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
65. Units in Structure for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
66. Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder by Size of Household: 1980
67. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
68. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980

Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

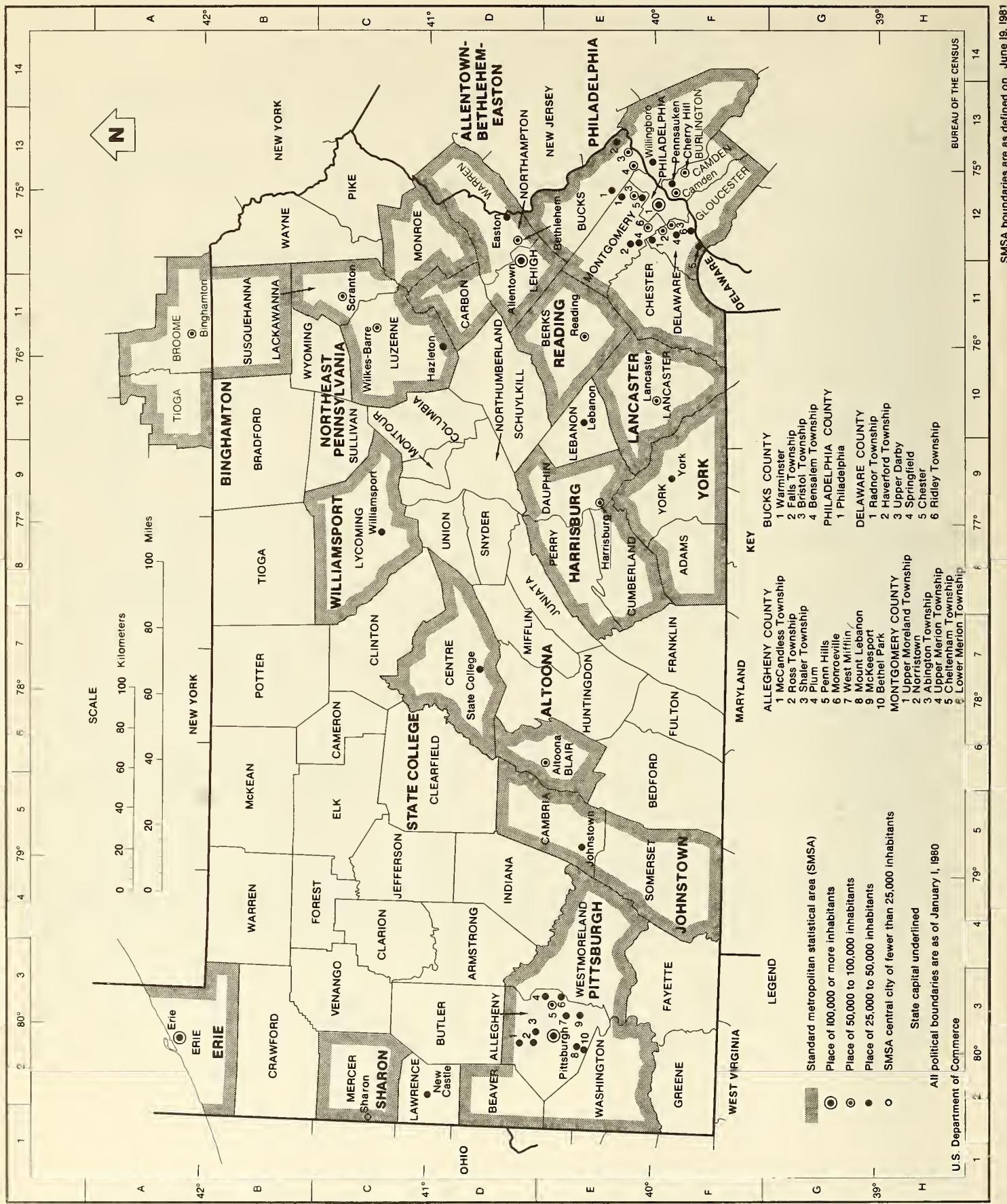
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

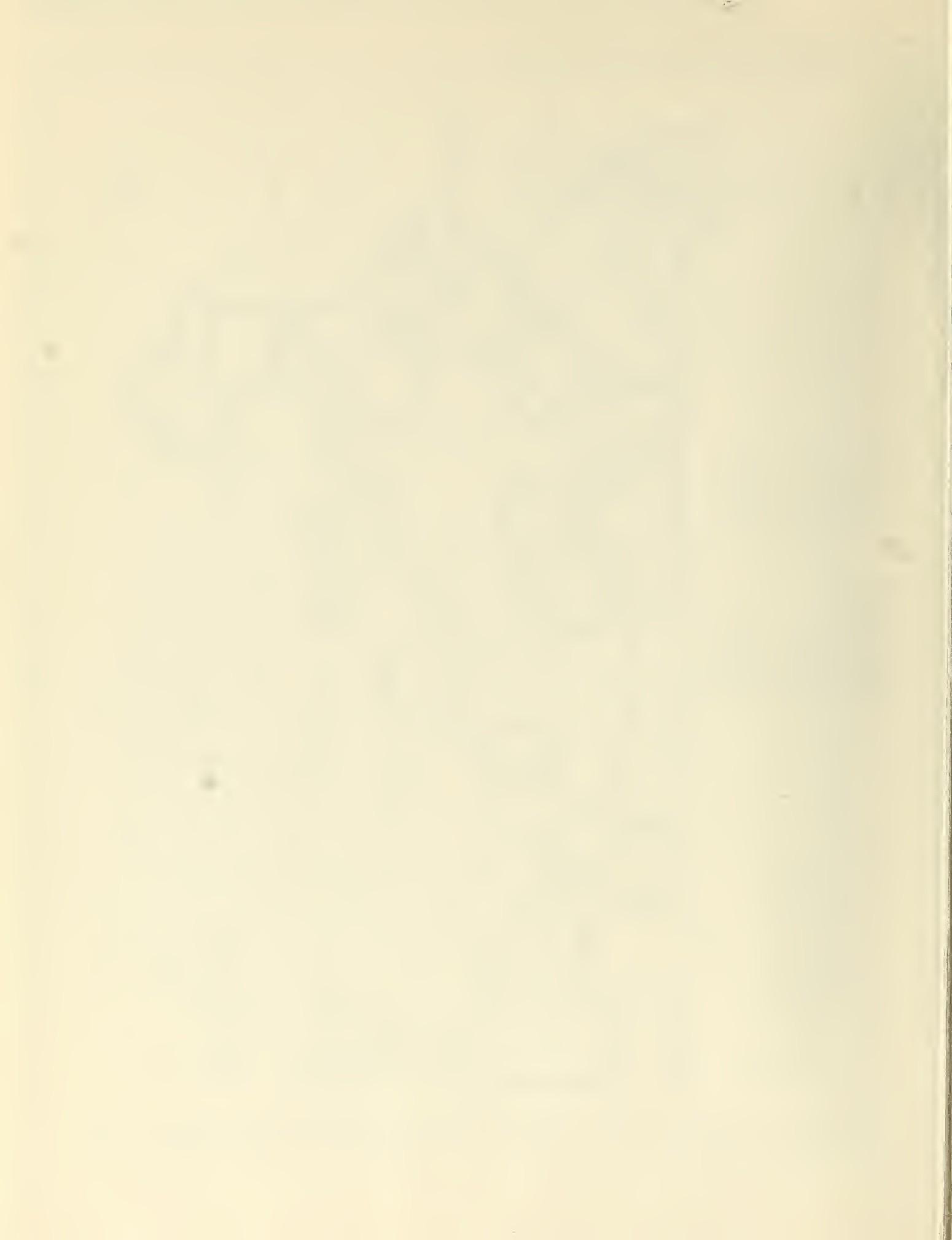


Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	22 518	355	2 202	4 452	5 187	4 211	2 784	2 462	566	247	52	38 100	41 100
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	17 011	200	1 268	3 115	3 884	3 351	2 299	2 183	460	215	36	40 100	43 000
15 to 24 years	386	10	37	80	133	49	46	29	2	—	—	34 900	36 800
25 to 34 years	3 465	33	200	564	859	739	539	455	65	11	—	41 000	42 800
35 to 44 years	3 276	51	214	478	614	664	497	560	129	58	11	45 300	46 800
45 to 64 years	6 947	65	519	1 219	1 650	1 323	943	846	224	133	25	40 100	43 900
65 years and over	2 937	41	298	774	628	576	274	293	40	13	—	34 900	37 800
Male householder, no wife present	1 560	50	289	418	284	226	138	93	40	16	6	30 700	36 000
15 to 24 years	54	—	15	13	6	11	—	9	—	—	—	28 800	33 900
25 to 34 years	264	14	53	79	52	28	23	9	4	—	2	28 500	33 900
35 to 44 years	167	8	28	31	27	34	15	18	6	—	—	36 900	37 500
45 to 64 years	594	14	80	181	107	90	71	23	23	3	2	31 600	36 400
65 years and over	481	14	113	114	92	63	29	34	7	13	2	30 000	36 200
Female householder, no husband present	3 947	105	645	919	1 019	634	347	186	66	16	10	32 600	35 000
15 to 24 years	24	—	13	—	4	5	2	—	—	—	—	19 700	29 300
25 to 34 years	242	9	37	36	69	61	18	8	—	—	4	33 700	36 500
35 to 44 years	349	10	70	54	107	68	9	23	8	—	—	33 200	34 800
45 to 64 years	1 191	15	186	296	348	138	133	58	11	—	6	32 600	35 400
65 years and over	2 141	71	339	533	491	362	185	97	47	16	—	32 300	34 600
Median age	52.6	56.1	57.8	56.1	53.0	51.0	49.5	47.6	49.3	53.9	47.5	......	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 804	31	116	226	471	315	279	269	59	23	15	41 900	45 900
1975 to 1978	4 708	44	334	691	1 052	969	701	694	151	57	15	42 900	44 900
1970 to 1974	3 725	48	296	736	852	699	514	442	100	36	2	39 200	41 900
1960 to 1969	5 028	99	515	1 021	1 018	865	617	604	173	98	18	38 600	42 700
1959 or earlier	7 253	133	941	1 778	1 794	1 363	673	453	83	33	2	33 700	36 000
ROOMS													
1 to 3 rooms	243	13	72	64	32	35	20	—	7	—	—	25 200	29 300
4 rooms	1 628	95	322	410	423	227	96	45	8	—	2	29 600	30 500
5 rooms	4 944	98	523	1 012	1 350	1 196	494	245	18	6	2	36 000	36 500
6 rooms	7 785	101	907	1 834	1 915	1 407	916	621	20	—	—	35 100	37 200
7 rooms	4 091	29	226	628	954	733	704	672	125	20	—	42 900	44 900
8 or more rooms	3 827	19	152	504	513	613	554	879	344	201	48	51 600	56 400
Median	6.1	5.2	5.7	5.9	5.9	6.0	6.4	7.0	7.9	8.5+	8.5+	... ...	...
BEDROOMS													
None	4	—	2	2	—	—	—	—	—	—	—	21 300	20 600
1	387	27	87	109	79	39	25	10	7	—	4	26 200	31 600
2	4 306	154	635	1 126	1 073	743	364	188	13	8	2	32 000	33 400
3	13 488	125	1 179	2 544	3 293	2 705	1 732	1 562	279	58	11	38 700	41 000
4	3 683	41	280	580	668	617	546	610	242	82	17	44 400	48 000
5 or more	650	8	19	91	74	107	117	92	25	99	18	51 400	61 800
YEAR STRUCTURE BUILT													
1975 to March 1980	1 912	4	59	70	197	412	471	552	101	44	2	53 900	55 500
1970 to 1974	1 880	26	71	162	337	421	401	347	100	15	—	48 300	49 200
1960 to 1969	2 843	30	98	307	493	606	520	543	165	66	15	48 100	51 200
1950 to 1959	3 891	16	160	465	1 058	1 066	509	483	78	39	17	42 000	44 800
1940 to 1949	1 772	41	179	391	394	349	198	180	29	11	—	36 900	38 800
1939 or earlier	10 220	238	1 635	3 057	2 708	1 357	685	357	93	72	18	30 600	33 200
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 687	81	403	420	381	231	93	49	27	—	2	27 500	30 400
\$5,000 to \$9,999	3 148	83	467	836	756	573	232	153	32	12	4	32 500	34 400
\$10,000 to \$12,499	1 818	49	284	515	393	298	183	74	12	10	—	31 200	33 600
\$12,500 to \$14,999	1 940	32	147	475	528	398	186	144	19	7	4	34 900	37 900
\$15,000 to \$19,999	4 029	29	468	784	1 071	798	489	324	58	4	—	36 800	38 700
\$20,000 to \$24,999	3 839	37	198	703	898	837	490	543	98	28	7	40 900	43 400
\$25,000 to \$34,999	3 906	39	179	578	821	750	712	664	127	30	6	44 100	46 200
\$35,000 to \$49,999	1 579	5	48	121	272	272	325	385	113	38	—	51 900	53 600
\$50,000 or more	572	—	8	20	67	54	74	126	80	118	25	68 400	78 000
Median	\$18 356	\$10 689	\$12 033	\$14 895	\$17 430	\$18 911	\$22 133	\$24 440	\$27 256	\$47 424	\$27 083	......	...
Mean	\$20 033	\$12 619	\$13 707	\$16 239	\$18 628	\$19 645	\$23 220	\$26 442	\$32 072	\$56 767	\$55 149	......	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	11 383	88	824	1 829	2 675	2 238	1 624	1 569	343	147	46	41 400	44 500
Less than 15 percent	3 339	19	251	543	710	537	380	86	79	24	42 200	45 400	
15 to 19 percent	2 677	18	207	424	641	486	347	427	94	33	—	41 000	44 200
20 to 24 percent	1 982	19	87	308	515	408	272	293	49	17	14	41 800	45 400
25 to 29 percent	1 295	4	90	228	300	215	209	187	54	8	—	41 300	44 400
30 to 34 percent	622	9	53	95	100	131	105	105	24	—	—	45 500	49 900
35 percent or more	1 444	16	136	231	400	281	154	175	33	10	8	38 100	41 800
Not computed	24	3	—	—	9	7	2	3	—	—	—	40 000	43 200
Median	19.4	21.4	18.9	19.4	19.9	19.2	19.0	19.7	19.5	14.5	14.8	......	...
Not mortgaged	11 135	267	1 378	2 623	2 512	1 973	1 160	893	223	100	6	34 600	37 700
Less than 10 percent	4 173	103	395	820	989	731	561	421	100	53	—	37 600	40 600
10 to 14 percent	2 405	57	255	567	567	450	229	222	44	14	—	34 700	37 800
15 to 19 percent	1 423	27	190	403	286	256	146	84	16	13	2	32 800	35 600
20 to 24 percent	901	26	106	249	236	173	43	55	13	—	2	32 700	34 400
25 to 29 percent	561	14	82	160	116	112	48	25	—	2	2	32 600	34 400
30 to 34 percent	415	7	57	112	87	66	36	26	6	18	—	33 600	38 400
35 percent or more	1 197	33	274	312	210	181	88	53	44	—	2	28 800	33 500
Not computed	60	—	19	—	21	4	9	7	—	—	—	36 900	36 400
Median	12.8	12.7	15.8	14.3	12.3	12.8	10.3	10.5	11.3	10—	27.5	......	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	22 334	313	2 128	4 397	5 181	4 207	2 781	2 462	566	247	52	38 200	41 300
1.01 or more persons per room	246	3	53	48	66	51	20	5	—	—	—	33 700	33 000
Locking complete plumbing for exclusive use	184	42	74	55	6	4	3	—	—	—	—	16 500	17 900
1.01 or more persons per room	8	—	4	2	—	2	—	—	—	—	—	21 300	24 400
Heating equipment	22 518	355	2 202	4 452	5 187	4 211	2 784	2 462	566	247	52	38 100	41 100
Control heating system	20 606	275	1 953	4 045	4 819	3 853	2 587	2 252	534	240	48	38 200	41 400
Air conditioning	7 306	46	389	1 044	1 642	1 544	1 035	1 061	316	184	45	43 100	47 500
Control system	1 029	8	22	46	110	164	195	245	136	97	6	57 700	64 100
Income in 1979 below poverty level	1 146	43	296	247	228	183	90	51	8	—	—	29 000	31 000
Percent below poverty level	5.1	12.1	13.4	5.5	4.4	4.3	3.2	2.1	1.4	—	—	... ...	...

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	11 693	897	1 622	2 673	2 764	1 750	813	342	181	17	634	206
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	4 496	140	417	845	1 172	908	408	166	115	5	320	228
15 to 24 years	800	14	33	220	296	155	29	17	6	1	29	216
25 to 34 years	1 580	35	130	341	401	348	173	83	24	2	43	231
35 to 44 years	573	10	50	56	127	123	66	31	53	-	57	258
45 to 64 years	967	24	99	127	229	229	91	27	27	-	114	239
65 years and over	576	57	105	101	119	53	49	8	5	2	77	195
Male householder, no wife present	2 136	232	318	583	482	205	133	40	16	6	121	189
15 to 24 years	666	64	107	189	182	86	23	5	2	-	8	192
25 to 34 years	601	28	72	207	174	58	36	8	8	-	10	197
35 to 44 years	191	11	14	67	33	10	22	11	6	6	11	198
45 to 64 years	343	76	38	73	55	38	37	14	-	-	12	184
65 years and over	335	53	87	47	38	13	15	-	-	-	80	143
Female householder, no husband present	5 061	525	887	1 245	1 110	637	272	136	50	6	193	191
15 to 24 years	780	75	103	250	199	108	34	-	-	-	11	192
25 to 34 years	1 213	48	131	313	311	244	101	55	7	-	3	215
35 to 44 years	558	33	99	118	147	71	33	51	2	-	4	214
45 to 64 years	993	129	188	237	207	84	52	23	12	-	61	180
65 years and over	1 517	240	366	327	246	130	52	7	29	6	114	163
Median age	36.3	58.9	51.0	32.3	32.4	32.9	35.6	35.4	42.1	39.6	60.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	4 475	253	436	1 074	1 133	740	429	208	109	13	80	218
1975 to 1978	4 016	388	492	940	990	675	242	104	55	2	128	205
1970 to 1974	1 407	137	289	270	371	134	91	20	12	-	83	194
1960 to 1969	911	46	222	235	183	104	17	10	-	-	94	171
1959 or earlier	884	73	183	154	87	97	34	-	5	2	249	176
ROOMS												
1 room	480	273	97	66	30	4	2	-	-	-	8	91
2 rooms	734	156	268	195	74	16	-	5	10	2	8	142
3 rooms	2 041	165	368	783	444	158	70	8	-	-	45	178
4 rooms	2 801	177	343	754	777	448	174	25	7	-	96	204
5 rooms	2 256	76	288	448	609	427	161	61	36	2	148	220
6 rooms	2 366	40	215	341	612	526	259	142	73	-	158	242
7 or more rooms	1 015	10	43	86	218	171	147	101	55	13	171	269
Median	4.4	2.6	3.7	3.9	4.6	5.1	5.5	6.0	6.0	7.1	5.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	11 693	897	1 622	2 673	2 764	1 750	813	342	181	17	634	206
Complete plumbing for exclusive use	11 171	717	1 497	2 577	2 717	1 729	802	338	181	9	604	208
0.50 or less	6 942	406	968	1 746	1 687	1 029	410	157	79	2	458	203
0.51 to 1.00	3 962	282	465	786	975	661	377	170	102	7	137	219
1.01 to 1.50	203	24	34	29	44	39	15	11	-	-	7	228
1.51 or more	64	5	30	16	11	-	-	-	-	-	2	147
Locking complete plumbing for exclusive use	522	180	125	96	47	21	11	4	-	-	8	30
0.50 or less	204	48	64	47	16	1	8	2	-	-	119	119
0.51 to 1.00	289	129	57	35	27	20	3	-	-	-	18	117
1.01 to 1.50	9	-	-	4	3	-	-	2	-	-	6	12
1.51 or more	20	3	4	10	1	-	-	-	-	-	-	204
Income in 1979 below poverty level	2 690	486	629	549	433	258	107	63	20	-	145	163
Complete plumbing for exclusive use	2 449	400	555	514	407	252	107	59	20	-	135	173
1.01 or more persons per room	149	29	47	21	26	12	10	-	-	-	4	148
Locking complete plumbing for exclusive use	241	86	74	35	26	6	-	4	-	-	10	120
1.01 or more persons per room	19	-	4	12	1	-	-	2	-	-	-	155
BEDROOMS												
None	552	273	127	100	38	4	2	-	-	-	8	100
1	3 486	342	718	1 233	765	229	99	19	10	2	69	175
2	3 971	197	435	891	1 088	817	267	70	33	-	173	218
3	3 106	73	304	408	760	613	374	203	104	2	265	241
4	480	12	29	24	100	85	57	40	32	-	101	263
5 or more	98	-	9	17	13	2	14	10	2	13	18	288
UNITS IN STRUCTURE												
1, detached or attached	3 392	165	275	602	791	541	327	178	76	9	428	231
2	2 797	102	341	604	782	622	163	88	9	2	84	215
3 and 4	1 794	99	324	562	443	200	92	21	20	6	27	191
5 to 9	1 476	93	328	494	309	138	75	7	-	-	32	183
10 to 49	1 168	181	178	246	175	155	119	45	66	-	3	194
50 or more	600	251	130	61	95	33	20	10	-	-	-	121
Mobile home or trailer, etc.	466	6	46	104	169	61	17	3	-	-	60	215
YEAR STRUCTURE BUILT												
1975 to March 1980	580	125	114	93	65	68	67	19	14	-	15	166
1970 to 1974	1 098	171	98	116	229	176	165	39	72	2	30	231
1960 to 1969	864	51	105	130	197	179	98	25	9	1	69	230
1950 to 1959	1 019	53	126	239	297	114	66	25	14	-	85	208
1940 to 1949	1 196	53	121	347	322	172	100	5	8	-	68	206
1939 or earlier	6 936	444	1 058	1 748	1 654	1 041	317	229	64	14	367	201
STORIES IN STRUCTURE												
1 to 3	11 095	631	1 450	2 568	2 734	1 740	810	342	169	17	634	210
4 or more	598	266	172	105	30	10	3	-	12	-	113	90
With elevator	388	222	101	31	17	4	3	-	10	-	-	90
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	2 058	230	341	575	550	266	27	41	22	6	-	186
15 to 19 percent	1 832	126	220	496	458	316	157	40	19	-	-	207
20 to 24 percent	1 723	212	207	356	373	267	195	77	36	-	-	210
25 to 29 percent	1 279	100	156	242	405	237	87	39	6	7	-	217
30 to 34 percent	820	80	107	192	179	148	68	22	24	-	-	207
35 to 49 percent	1 377	79	282	302	329	194	107	59	25	-	-	204
50 percent or more	1 858	53	271	488	445	317	167	64	49	4	-	212
Not computed	746	17	38	22	25	5	5	-	-	-	634	151
Median	24.6	22.0	25.8	23.6	24.8	25.5	26.4	26.7	31.6	26.8	-	-
SELECTED CHARACTERISTICS												
Heating equipment	11 689	897	1 622	2 673	2 764	1 750	813	342	181	17	630	206
Central heating system	10 685	848	1 454	2 422	2 490	1 669	744	327	175	9	547	206
Air conditioning	2 902	144	321	534	624	558	305	96	122	-	198	231
Central system	553	30	69	38	49	109	122	56	64	-	16	290

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA

	Household income in 1979													Income in 1979 below poverty level						
	Total	Less than \$5,000		\$5,000 to \$9,999		\$10,000 to \$12,499		\$12,500 to \$14,999		\$15,000 to \$19,999		\$20,000 to \$24,999		\$25,000 to \$34,999		\$35,000 to \$49,999		\$50,000 or more	Median (dollars)	Mean (dollars)
Owner-occupied housing units	29 665	2 517	4 504	2 598	2 569	5 210	4 819	4 779	1 938	731	17 576	19 426	1 907							
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER																				
Married-couple families	22 012	631	2 399	1 622	1 986	4 278	4 328	4 344	1 764	660	20 095	22 027	794							
15 to 24 years	755	14	107	99	259	127	42	8	—	—	15 995	16 116	29							
25 to 34 years	4 579	60	248	358	554	1 238	1 104	832	144	41	19 365	20 205	140							
35 to 44 years	4 062	59	164	178	281	882	959	1 098	295	146	22 307	24 431	135							
45 to 64 years	8 857	202	604	454	517	1 470	1 854	2 169	1 174	413	23 079	25 521	260							
65 years and over	3 759	296	1 276	533	535	429	284	203	143	60	11 442	14 605	230							
Male householder, no wife present	2 454	432	497	304	271	378	229	185	118	40	12 451	14 765	228							
15 to 24 years	119	21	31	30	12	12	9	4	—	—	10 625	11 143	13							
25 to 34 years	443	28	38	110	59	107	39	35	25	2	14 428	16 506	23							
35 to 44 years	320	32	21	23	32	72	51	58	26	5	18 810	19 963	34							
45 to 64 years	839	91	124	104	111	166	103	80	54	6	14 764	16 511	71							
65 years and over	733	260	283	37	57	21	27	8	13	27	6 685	10 032	87							
Female householder, no husband present	5 199	1 454	1 608	672	312	554	262	250	56	31	8 396	10 613	885							
15 to 24 years	84	22	38	6	9	4	5	—	—	—	6 786	7 980	28							
25 to 34 years	383	29	130	88	40	48	25	23	—	—	10 923	11 954	66							
35 to 44 years	439	35	97	63	75	92	33	42	—	2	13 317	14 340	58							
45 to 64 years	2 745	1 077	913	259	99	186	81	64	50	16	10 518	12 355	249							
65 years and over	52.1	69.8	66.5	56.1	49.9	43.7	45.5	47.2	51.2	51.8	... ...	60.6							
Median age																				
YEAR HOUSEHOLDER MOVED INTO UNIT																				
1979 to March 1980	2 585	125	376	283	277	500	402	411	149	62	17 168	19 578	165							
1975 to 1978	6 548	293	574	573	548	1 475	1 365	1 240	360	120	19 382	20 554	302							
1970 to 1974	5 026	326	634	409	493	991	938	774	341	120	18 297	20 061	326							
1960 to 1969	6 324	433	750	450	477	1 079	1 100	1 279	508	248	19 886	21 962	349							
1959 or earlier	9 182	1 340	2 170	883	774	1 165	1 014	1 075	580	181	13 140	16 485	765							
SELECTED CHARACTERISTICS																				
Complete plumbing for exclusive use	29 329	2 411	4 402	2 573	2 521	5 182	4 807	4 766	1 938	729	17 700	19 538	1 837							
1.01 or more persons per room	421	14	26	29	41	105	90	84	25	7	19 766	20 897	43							
Lacking complete plumbing for exclusive use	336	106	102	25	48	28	12	13	—	2	7 500	9 673	70							
1.01 or more persons per room	24	—	6	4	10	—	2	2	—	—	13 000	14 533	6							
Heating equipment	29 665	2 517	4 504	2 598	2 569	5 210	4 819	4 779	1 938	731	17 576	19 426	1 907							
Central heating system	26 725	2 214	4 086	2 343	2 244	4 690	4 247	4 340	1 863	698	17 657	19 651	1 642							
Air conditioning	9 178	462	1 196	639	700	1 522	1 657	1 720	836	446	20 197	22 847	336							
Control system	1 306	61	146	64	107	178	214	182	183	171	21 956	29 157	47							
Vehicles available	27 693	1 530	3 812	2 507	2 521	5 139	4 805	4 752	1 910	717	18 406	20 303	1 372							
1	10 475	1 083	2 602	1 504	1 246	1 912	1 124	755	196	53	12 597	14 270	782							
2 or more	17 218	447	1 210	1 003	1 275	3 227	3 681	3 997	1 714	664	21 875	23 974	590							
House heating fuel	29 665	2 517	4 504	2 598	2 569	5 210	4 819	4 779	1 938	731	17 576	19 426	1 907							
Utility gas	4 754	485	840	417	344	845	710	784	229	100	16 875	18 291	296							
Bottled, tank, or LP gas	332	48	70	60	43	38	37	20	11	5	12 000	14 734	27							
Electricity	3 563	172	298	241	259	606	693	860	323	111	21 443	22 841	147							
Fuel oil, kerosene, etc.	17 127	1 496	2 743	1 535	1 558	3 021	2 661	2 483	1 178	452	16 969	19 258	1 117							
Other	3 889	316	553	345	365	700	718	632	197	63	17 709	18 824	320							
Medium rooms	6.0	5.5	5.7	5.7	5.7	5.9	6.1	6.3	8.0	8.0	...	...	5.6					
Specified owner-occupied housing units	22 518	1 687	3 148	1 818	1 940	4 029	3 839	3 906	1 579	572	18 356	20 033	1 146							
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS																				
With a mortgage	11 383	284	719	768	958	2 430	2 397	2 577	927	323	20 999	22 826	390							
Less than \$200	927	59	99	95	118	197	188	142	25	4	17 433	17 887	56							
\$200 to \$249	1 686	42	188	138	173	362	321	354	94	14	19 202	20 018	63							
\$250 to \$299	2 202	50	130	172	216	540	426	482	141	45	19 941	21 507	74							
\$300 to \$349	1 997	50	91	127	174	490	494	361	178	32	20 538	21 949	49							
\$350 to \$399	1 576	30	51	100	101	430	357	357	130	20	20 918	22 379	47							
\$400 to \$449	1 793	20	107	89	116	292	412	550	179	28	23 362	23 836	53							
\$450 to \$499	697	21	10	26	32	101	152	227	75	53	24 541	27 994	21							
\$500 to \$599	368	10	31	21	17	16	42	84	76	71	26 765	36 731	20							
\$600 to \$749	137	2	12	—	11	2	5	20	29	56	15 625	53 066	7							
\$750 or more	\$322	\$291	\$278	\$294	\$294	\$312	\$327	\$343	\$360	\$535	...	...	\$302					
Median																				
Not mortgaged	11 135	1 403	2 429	1 050	982	1 599	1 442	1 329	652	249	14 245	17 177	756							
Less than \$50	61	30	14	9	2	4	2	—	—	—	5 179	7 395	10							
\$50 to \$74	234	44	77	29	20	32	21	11	—	—	9 688	11 230	33							
\$75 to \$99	1 052	271	236	127	112	109	81	80	34	2	10 374	12 262	158							
\$100 to \$124	2 435	388	676	276	222	346	262	188	66	11	19 390	13 747	201							
\$125 to \$149	2 642	279	618	241	270	388	348	357	126	15	14 194	16 325	165							
\$150 to \$199	3 222	263	567	308	274	515	492	502	236	65	17 163	18 833	114							
\$200 to \$249	968	91	183	41	59	122	163	133	137	39	19 552	21 235	61							
\$250 or more	521	37	58	19	23	83	73	58	53	117	22 679	33 492	14							
Median	\$142	\$123	\$134	\$134	\$138	\$145	\$151	\$153	\$171	\$240	...	...	\$122					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																				
With a mortgage	11 383	284	719	768	958	2 430	2 397	2 577	927	323	20 999	22 826	390							
Less than 15 percent	3 339	—	—	14	33	290	677	1 338	702	285	29 600	33 044	1							
15 to 19 percent	2 677	2	10	72	164	644	815	764	169	37	22 416	23 761	7							

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
	12 432	2 976	3 288	1 600	1 105	1 707	1 011	525	147	73	9 928	11 586	2 877
Renter-occupied housing units -----													
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	4 942	305	997	749	609	1 052	686	392	110	42	14 224	15 479	518
15 to 24 years -----	853	41	200	172	138	187	80	32	—	3	12 745	13 510	76
25 to 34 years -----	1 730	126	229	258	196	493	286	132	7	3	15 534	15 419	229
35 to 44 years -----	674	27	96	79	98	164	108	62	33	7	16 321	17 434	90
45 to 64 years -----	1 053	81	173	157	89	149	177	161	45	21	15 539	17 855	101
65 years and over -----	632	30	299	83	88	59	35	5	25	8	9 785	12 257	22
Male householder, no wife present -----	2 251	612	577	314	186	337	135	58	20	12	9 278	10 829	540
15 to 24 years -----	680	205	187	119	58	66	20	17	8	—	7 833	9 322	217
25 to 34 years -----	640	83	159	113	66	134	63	13	3	6	11 726	12 898	69
35 to 44 years -----	216	21	48	37	33	49	18	4	—	6	12 652	15 906	42
45 to 64 years -----	353	82	99	31	25	69	22	16	9	—	9 696	11 391	71
65 years and over -----	362	221	84	14	4	19	12	8	—	4 485	6 427	141	
Female householder, no husband present -----	5 239	2 059	1 714	537	310	318	190	75	17	19	6 611	8 238	1 819
15 to 24 years -----	808	309	287	96	31	25	51	9	—	6 786	7 676	327	
25 to 34 years -----	1 248	326	439	176	115	99	59	29	2	3	8 649	9 575	416
35 to 44 years -----	580	182	198	64	51	54	6	18	5	2	7 772	9 550	217
45 to 64 years -----	1 027	354	352	95	48	106	53	12	7	—	7 346	8 732	354
65 years and over -----	1 576	888	438	106	65	34	21	7	3	14	4 668	6 663	505
Median age -----	36.5	54.1	38.0	31.7	33.1	32.7	33.0	38.0	51.8	49.1	... ...	...	37.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	4 722	1 139	1 253	707	389	650	373	123	61	27	9 877	11 277	1 235
1975 to 1978 -----	4 244	895	1 097	537	419	644	368	226	33	25	10 605	12 112	907
1970 to 1974 -----	1 495	389	418	213	150	142	125	55	1	2	9 237	10 538	313
1960 to 1969 -----	987	263	240	72	78	144	72	81	31	6	9 823	12 638	221
1959 or earlier -----	984	290	280	71	69	127	73	40	21	13	8 566	11 333	201
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use -----	11 883	2 714	3 146	1 542	1 083	1 669	996	513	147	73	10 132	11 792	2 626
0.50 or less -----	7 366	1 828	2 150	849	613	915	621	269	82	39	9 346	11 200	1 289
0.51 to 1.00 -----	4 234	822	922	650	428	732	363	227	61	29	11 435	12 823	1 180
1.01 to 1.50 -----	219	45	52	31	37	22	12	11	4	5	11 008	12 622	119
1.51 or more -----	64	19	22	12	5	—	—	6	—	—	7 500	8 951	38
Lacking complete plumbing for exclusive use -----	549	262	142	58	22	38	15	12	—	—	5 359	7 111	251
0.50 or less -----	220	87	85	25	7	16	—	—	—	—	6 065	6 595	77
0.51 to 1.00 -----	295	174	44	30	13	15	7	12	—	—	4 392	6 789	155
1.01 to 1.50 -----	12	—	4	3	—	5	—	—	—	—	11 667	12 426	4
1.51 or more -----	22	1	9	—	2	2	8	—	—	—	13 750	13 698	15
SELECTED CHARACTERISTICS													
Heating equipment -----	12 428	2 976	3 288	1 596	1 105	1 707	1 011	525	147	73	9 925	11 586	2 877
Central heating system -----	11 236	2 675	2 962	1 454	1 011	1 526	907	493	138	70	9 968	11 667	2 531
Air conditioning -----	2 998	553	663	392	298	504	339	161	58	30	11 805	13 395	418
Central system -----	567	112	136	74	39	118	40	26	11	11	11 199	13 515	73
Vehicles available -----	9 129	1 098	2 295	1 380	997	1 660	972	507	147	73	12 122	13 678	1 312
1 -----	6 222	893	1 952	1 054	706	994	369	178	48	28	10 631	11 745	978
2 or more -----	2 907	205	343	326	291	666	603	329	99	45	16 934	17 817	334
House heating fuel -----	12 428	2 976	3 288	1 596	1 105	1 707	1 011	525	147	73	9 925	11 586	2 877
Utility gas -----	2 869	593	813	362	248	453	195	163	37	5	10 197	11 782	673
Bottled, tank, or LP gas -----	181	61	39	18	10	30	18	2	3	—	9 050	10 242	49
Electricity -----	1 719	483	433	200	147	220	137	61	25	13	9 318	11 264	337
Fuel oil, kerosene, etc. -----	6 373	1 448	1 666	831	610	866	586	251	69	46	10 218	11 764	1 408
Other -----	1 286	391	337	185	90	138	75	48	13	9	8 757	10 885	410
Median rooms -----	4.5	3.6	4.3	4.5	4.9	5.2	5.5	5.8	6.1	5.5	... ...	...	4.0
Specified renter-occupied housing units -----	11 693	2 821	3 081	1 511	1 055	1 595	955	472	135	68	9 910	11 543	2 690
CONTRACT RENT													
Less than \$100 -----	2 118	932	565	202	104	150	92	52	19	2	6 095	8 370	884
\$100 to \$149 -----	2 986	787	920	413	229	344	190	76	24	3	8 819	10 198	735
\$150 to \$199 -----	3 566	650	956	510	359	588	318	148	35	2	10 868	11 850	678
\$200 to \$249 -----	1 642	174	371	237	212	336	196	85	12	19	12 960	14 129	179
\$250 to \$299 -----	481	49	85	58	75	103	55	40	16	—	14 117	14 945	43
\$300 to \$349 -----	197	8	37	23	15	33	23	31	11	16	17 153	20 979	14
\$350 to \$399 -----	47	10	—	2	5	6	18	—	6	25	10 104	27 000	10
\$400 to \$449 -----	8	—	—	2	6	—	—	—	—	—	13 333	13 280	2
\$500 or more -----	14	—	—	—	2	—	6	—	6	24	24 583	71 402	—
No cash rent -----	634	211	147	66	51	36	69	22	18	14	8 932	12 052	145
Median -----	\$206	\$152	\$193	\$212	\$224	\$236	\$248	\$253	\$277	\$405	... ...	... ...	\$124
GROSS RENT													
Less than \$100 -----	897	581	210	49	18	24	4	9	—	2	4 266	5 525	486
\$100 to \$149 -----	1 622	704	534	140	76	101	29	24	14	—	5 942	7 534	629
\$150 to \$199 -----	2 673	599	858	420	247	333	135	62	19	—	9 301	10 214	549
\$200 to \$249 -----	2 764	384	743	452	316	431	287	124	24	3	11 410	12 413	433
\$250 to \$299 -----	1 750	209	382	224	189	378	214	118	17	19	13 294	14 489	258
\$300 to \$349 -----	813	106	114	114	98	189	140	36	14	2	14 349	14 677	107
\$350 to \$399 -----	342	15	69	27	44	72	48	38	29	—	16 379	17 778	63
\$400 to \$449 -----	181	12	24	19	12	31	23	38	—	22	16 895	22 799	20
\$500 or more -----	17	—	—	4	—	6	1	—	6	24	375	61 860	—
No cash rent -----	634	211	147	66	51	36	69	22	18	14	8 932	12 052	145
Median -----	\$206	\$152	\$193	\$212	\$224	\$236	\$248	\$253	\$277	\$405	... ...	... ...	\$163
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent -----	2 058	27	116	129	141	549	567	360	117	52	20 600	22 102	69
15 to 19 percent -----	1 832	34	276	311	339	559	243	70	—	14 676	14 932	99	
20 to 24 percent -----	1 723	193	413	365	292	377	64	19	—	11 750	11 721	185	
25 to 29 percent -----	1 279	141	511	402	169	43	12	1	—	9 912	9 620	146	
30 to 34 percent -----	820	152	482	127	35	24	—	—	—	—	7 863	8 001	166
35 to 49 percent -----	1 377	450	798	98	24	7	—	—	—	—	6 114	6 316	377
50 percent or more -----	1 858	1 503	338	13	4	—	—	—	—	—	3 546	3 528	1 393
Not computed -----	746	321	147	66	51	36	69	22	18	16	7 526	10 486	255
Median -----	24.6	50+	31.6	23.9	20.4	17.1	13.7	11.7	10—	10—	... ...	... ...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

Specified owner-occupied housing units -----

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
1 person -----	11 383	927	1 686	2 202	1 997	1 576	1 793	697	368	137	322
2 persons -----	604	111	100	123	77	62	74	38	7	12	287
3 persons -----	2 351	241	398	447	364	287	354	148	99	13	312
4 persons -----	2 611	208	358	521	452	447	420	139	48	18	324
5 persons -----	3 165	188	483	611	575	438	555	186	103	26	326
6 persons -----	1 645	106	228	336	308	212	242	84	61	68	325
7 persons -----	667	50	74	102	149	96	72	78	46	—	336
8 or more persons -----	264	20	32	41	72	26	51	18	4	—	327
Median -----	76	3	13	21	—	8	25	6	—	—	356
	3.54	3.04	3.46	3.52	3.68	3.48	3.59	3.63	3.79	4.48	...

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families -----

15 to 24 years -----	9 854	727	1 410	1 931	1 749	1 379	1 582	611	345	120	325
25 to 34 years -----	353	18	34	68	56	68	76	26	7	—	350
35 to 44 years -----	3 239	90	331	660	689	631	544	192	75	27	339
45 to 64 years -----	2 754	256	366	458	478	372	461	191	117	55	331
65 years and over -----	3 250	308	622	691	512	293	450	197	146	31	300
Male householder, no wife present -----	258	55	57	54	14	15	51	5	—	7	266
15 to 24 years -----	614	93	91	116	109	76	84	32	13	—	303
25 to 34 years -----	42	6	2	8	5	12	—	7	2	—	350
35 to 44 years -----	225	16	36	61	36	27	36	8	5	—	300
45 to 64 years -----	97	5	20	24	9	4	23	6	6	—	299
65 years and over -----	212	57	21	20	49	33	21	11	—	—	308
Female householder, no husband present -----	915	107	185	155	139	121	127	54	10	17	304
15 to 24 years -----	9	2	5	—	2	—	—	—	—	—	225
25 to 34 years -----	190	16	43	23	25	22	47	6	4	4	326
35 to 44 years -----	246	9	54	40	61	13	38	23	8	8	316
45 to 64 years -----	327	45	39	57	44	85	23	23	6	5	326
65 years and over -----	143	35	44	35	7	1	19	2	—	—	241
Median age -----	40.1	47.3	44.0	40.1	38.1	35.8	38.3	40.7	41.9	38.8	...

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980 -----	1 561	56	90	143	190	333	386	155	135	73	395
1975 to 1978 -----	3 939	123	290	711	827	708	796	322	122	40	351
1970 to 1974 -----	2 574	170	466	645	488	333	352	72	41	7	301
1960 to 1969 -----	2 468	404	638	523	382	153	197	118	43	10	268
1959 or earlier -----	841	174	202	180	110	49	62	30	27	7	262

ROOMS

1 to 3 rooms -----	82	25	11	9	23	4	8	2	—	—	278
4 rooms -----	523	103	134	90	91	53	36	4	12	—	264
5 rooms -----	2 460	300	478	585	416	278	286	73	37	7	289
6 rooms -----	3 739	312	602	745	706	594	575	151	42	12	315
7 rooms -----	2 309	128	281	456	409	365	386	188	78	18	335
8 or more rooms -----	2 270	59	180	317	352	282	502	279	199	100	390
Median -----	6.2	5.6	5.9	6.1	6.2	6.3	6.5	7.1	7.7	8.3	...

YEAR STRUCTURE BUILT

1975 to March 1980 -----	1 678	36	91	184	316	333	431	196	74	17	382
1970 to 1974 -----	1 453	70	215	338	246	227	193	105	40	19	321
1960 to 1969 -----	1 542	119	300	327	228	189	182	112	60	25	305
1950 to 1959 -----	1 587	207	224	284	266	169	294	60	54	29	315
1940 to 1949 -----	813	54	136	209	135	120	101	22	27	9	303
1939 or earlier -----	4 310	441	720	860	806	538	592	202	113	38	308

VALUE

Less than \$10,000 -----	88	28	33	21	3	3	—	—	—	—	224
\$10,000 to \$19,999 -----	824	172	220	195	109	97	21	10	—	—	255
\$20,000 to \$29,999 -----	1 829	261	389	492	358	157	136	25	11	—	277
\$30,000 to \$39,999 -----	2 675	215	456	548	588	425	354	71	18	—	310
\$40,000 to \$49,999 -----	2 238	172	300	469	375	387	415	97	15	8	324
\$50,000 to \$59,999 -----	1 624	59	205	295	291	232	305	152	71	14	343
\$60,000 to \$79,999 -----	1 569	18	77	168	239	220	451	213	134	49	414
\$80,000 to \$99,999 -----	343	—	6	14	34	43	80	86	46	34	492
\$100,000 to \$149,999 -----	147	2	—	—	12	20	37	60	16	606	606
\$150,000 or more -----	46	—	—	—	11	6	13	16	669	669	...
Median -----	\$41 400	\$30 100	\$33 800	\$37 200	\$39 100	\$43 300	\$49 500	\$59 400	\$68 400	\$79 300	...

SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent -----	3 339	587	880	846	487	217	158	75	51	38	262
15 to 19 percent -----	2 677	185	342	577	558	413	428	81	76	17	321
20 to 24 percent -----	1 982	34	170	315	427	390	467	136	41	2	356
25 to 29 percent -----	1 295	27	100	204	229	244	252	152	55	32	368
30 to 34 percent -----	622	12	54	96	103	106	133	77	30	11	372
35 percent or more -----	1 444	79	137	160	193	199	350	176	115	35	388
Not computed -----	24	3	3	4	—	7	5	—	—	2	364
Median -----	19.4	12.9	14.7	17.2	19.6	22.0	23.3	26.9	26.5	26.6	...

SELECTED CHARACTERISTICS

Hearing equipment -----	11 383	927	1 686	2 202	1 997	1 576	1 793	697	368	137	322
Steam or hot water system -----	3 704	245	476	685	654	547	583	259	173	82	334
Central warm-air furnace or electric heat pump -----	4 505	459	795	920	784	542	651	211	113	30	305
Other built-in electric units -----	1 877	91	174	288	323	287	441	182	70	21	361
Floor, wall, or pipeless furnace -----	47	13	8	6	6	2	6	—	—	—	271
Other means -----	1 250	119	233	303	230	194	116	39	12	4	295
Air conditioning -----	3 834	231	515	603	657	566	695	298	198	71	343
Central system -----	457	28	30	14	70	71	88	68	47	41	413
1 or more individual room units -----	3 377	203	485	589	587	495	607	230	151	30	335
House heating fuel -----	11 383	927	1 686	2 202	1 997	1 576	1 793	697	368	137	322
Utility gas -----	1 970	172	289	412	358	298	267	119	48	7	316
Bottled, tank, or LP gas -----	72	9	7	16	4	22	3	—	8	3	350
Electricity -----	2 078	117	186	297	347	328	470	222	81	30	364
Fuel oil, kerosene, etc. -----	5 780	432	892	1 131	1 063	734	928	311	192	97	320
Other -----	1 483	197	312	346	225	194	125	45	39	—	284

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	11 135	61	234	1 052	2 435	2 642	3 222	968	521	142
PERSONS IN UNIT										
1 person -----	2 749	40	93	422	704	588	624	172	106	130
2 persons -----	5 276	13	71	397	1 217	1 303	1 527	522	226	143
3 persons -----	1 554	4	37	89	279	417	531	130	67	147
4 persons -----	976	2	21	104	147	209	355	67	71	151
5 persons -----	359	2	5	12	62	94	113	37	34	152
6 persons -----	130	—	7	10	14	19	54	16	10	164
7 persons -----	54	—	—	14	5	8	16	11	—	150
8 or more persons -----	37	—	—	4	7	4	2	13	7	206
Median -----	2.03	1.26	1.84	1.76	1.92	2.06	2.15	2.10	2.18	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	7 157	16	105	586	1 486	1 812	2 190	613	349	144
15 to 24 years -----	33	—	5	8	12	4	2	—	2	107
25 to 34 years -----	226	4	18	27	52	36	65	17	7	133
35 to 44 years -----	522	2	10	77	83	157	111	56	26	139
45 to 64 years -----	3 697	5	46	265	698	965	1 199	331	188	147
65 years and over -----	2 679	5	26	209	641	650	813	209	126	143
Male householder, no wife present -----	946	26	23	95	206	190	266	88	52	141
15 to 24 years -----	12	—	—	3	2	2	5	—	—	138
25 to 34 years -----	39	6	—	5	7	8	11	2	—	130
35 to 44 years -----	70	—	1	9	14	16	30	—	—	142
45 to 64 years -----	382	13	4	41	70	74	115	39	26	146
65 years and over -----	443	7	18	37	113	90	105	47	26	138
Female householder, no husband present -----	3 032	19	106	371	743	640	766	267	120	136
15 to 24 years -----	15	—	—	3	8	2	2	—	—	139
25 to 34 years -----	52	—	—	7	13	22	4	—	6	132
35 to 44 years -----	103	—	8	8	7	24	39	15	2	156
45 to 64 years -----	864	—	31	106	199	194	244	76	14	137
65 years and over -----	1 998	19	67	250	521	392	477	174	98	134
Median age -----	63.7	65.5	63.2	64.0	65.7	62.5	63.0	63.1	64.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	243	8	5	25	28	66	79	16	16	146
1975 to 1978 -----	769	6	32	124	154	136	222	68	27	138
1970 to 1974 -----	1 151	4	24	127	254	270	331	94	47	140
1960 to 1969 -----	2 560	13	30	215	534	523	776	283	186	148
1959 or earlier -----	6 412	30	143	561	1 465	1 647	1 814	507	245	140
ROOMS										
1 to 3 rooms -----	161	8	14	54	18	17	33	—	17	106
4 rooms -----	1 105	24	34	248	376	253	130	23	17	116
5 rooms -----	2 484	15	64	305	699	586	621	162	32	132
6 rooms -----	4 046	6	75	319	826	1 076	1 276	363	105	144
7 rooms -----	1 782	3	27	65	337	371	682	193	104	156
8 or more rooms -----	1 557	5	20	61	179	339	480	227	246	168
Median -----	5.9	4.4	5.6	5.2	5.7	5.9	6.1	6.3	7.4	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	234	8	11	33	43	64	60	10	5	134
1970 to 1974 -----	427	4	13	64	97	114	101	24	10	133
1960 to 1969 -----	1 301	5	13	80	284	245	437	131	106	153
1950 to 1959 -----	2 304	13	33	220	419	578	692	245	104	145
1940 to 1949 -----	959	5	34	128	190	221	259	92	30	139
1939 or earlier -----	5 910	26	130	527	1 402	1 420	1 673	466	266	140
VALUE										
Less than \$10,000 -----	267	28	32	54	64	32	37	16	4	108
\$10,000 to \$19,999 -----	1 378	14	79	230	493	262	235	52	13	119
\$20,000 to \$29,999 -----	2 623	7	49	308	741	637	669	162	50	133
\$30,000 to \$39,999 -----	2 512	8	53	254	573	754	723	103	44	137
\$40,000 to \$49,999 -----	1 973	4	11	133	370	509	672	196	78	148
\$50,000 to \$59,999 -----	1 160	—	3	46	142	265	520	141	43	162
\$60,000 to \$79,999 -----	893	—	7	25	48	167	308	199	139	182
\$80,000 to \$99,999 -----	223	—	—	2	4	13	37	88	79	232
\$100,000 to \$149,999 -----	100	—	—	—	—	3	17	11	69	250+
\$150,000 or more -----	6	—	—	—	—	4	—	2	2	188
Median -----	\$34 600	\$11 300	\$20 800	\$27 100	\$28 700	\$34 300	\$39 200	\$46 700	\$64 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	4 173	39	145	461	920	1 029	1 185	228	166	138
10 to 14 percent -----	2 405	13	29	148	526	572	740	289	88	146
15 to 19 percent -----	1 423	3	21	105	299	382	428	108	77	144
20 to 24 percent -----	901	—	16	95	222	187	280	64	37	141
25 to 29 percent -----	561	—	3	89	148	116	148	33	24	134
30 to 34 percent -----	415	—	14	42	78	87	106	42	46	146
35 percent or more -----	1 197	6	4	94	240	250	320	202	81	151
Not computed -----	60	—	2	18	2	19	15	2	2	136
Median -----	12.8	10—	10—	11.9	12.8	12.5	12.8	14.4	15.4	...
SELECTED CHARACTERISTICS										
Heating equipment -----	11 135	61	234	1 052	2 435	2 642	3 222	968	521	142
Steam or hot water system -----	4 396	13	36	255	744	1 041	1 574	464	269	153
Central warm-air furnace or electric heat pump -----	5 172	5	88	511	1 350	1 251	1 353	423	191	138
Other built-in electric units -----	768	4	10	86	184	166	219	65	34	140
Floor, wall, or pipeless furnace -----	137	6	22	20	31	39	10	2	7	117
Other means -----	662	33	78	180	126	145	66	14	20	108
Air conditioning -----	3 472	2	57	211	605	795	1 108	410	284	153
Central system -----	572	—	8	8	38	77	209	131	101	187
1 or more individual room units -----	2 900	2	49	203	567	718	899	279	183	147
House heating fuel -----	11 135	61	234	1 052	2 435	2 642	3 222	968	521	142
Utility gas -----	2 234	3	44	163	618	539	689	103	75	138
Bottled, tank, or LP gas -----	73	—	3	2	23	17	18	2	8	138
Electricity -----	842	6	12	95	187	179	227	77	59	142
Fuel oil, kerosene, etc. -----	6 832	18	115	522	1 289	1 629	2 148	737	374	148
Other -----	1 154	34	60	270	318	278	340	49	5	117

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA

	Owner-occupied housing units						Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	
		Occupied housing units	2 949	3 162	3 914	6 385		12 432	606	1 140	912	2 381	7 393
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	22 012	2 566	2 477	3 047	4 838	9 084	4 942	151	475	344	935	3 037	
15 to 24 years	755	233	167	119	103	133	853	28	117	64	196	448	
25 to 34 years	4 579	1 130	778	404	728	1 539	1 730	52	126	115	390	1 047	
35 to 44 years	4 062	559	699	646	667	1 491	674	20	67	43	105	439	
45 to 64 years	8 857	554	656	1 498	2 413	3 736	1 053	29	69	62	167	726	
65 years and over	3 759	90	177	380	927	2 185	632	22	96	60	77	377	
Male householder, no wife present	2 454	164	333	319	455	1 183	2 251	62	164	176	497	1 352	
15 to 24 years	119	32	31	15	16	25	680	16	41	51	211	361	
25 to 34 years	443	54	113	63	52	161	640	17	55	46	170	352	
35 to 44 years	320	26	43	76	44	131	216	2	21	12	61	120	
45 to 64 years	839	31	102	102	174	430	353	5	27	37	16	268	
65 years and over	733	21	44	63	169	436	362	22	20	30	39	251	
Female householder, no husband present	5 199	219	352	548	1 092	2 988	5 239	393	501	392	949	3 004	
15 to 24 years	84	19	14	29	5	17	808	31	34	40	252	451	
25 to 34 years	383	60	77	54	71	121	1 248	57	145	90	291	665	
35 to 44 years	439	49	70	43	68	209	580	24	63	48	131	314	
45 to 64 years	1 548	63	127	236	349	773	1 027	49	89	100	130	659	
65 years and over	2 745	28	64	186	599	1 868	1 576	232	170	114	145	915	
Median age	52.1	34.6	39.5	50.5	56.5	57.0	36.5	60.5	37.9	39.0	29.7	38.7	
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 585	882	347	264	348	744	4 722	222	451	398	1 168	2 483	
1975 to 1978	6 548	2 067	796	637	1 039	2 009	4 244	384	406	263	714	2 477	
1970 to 1974	5 026	—	2 019	533	778	1 696	1 495	—	283	140	186	886	
1960 to 1969	6 324	—	—	2 480	1 210	2 634	987	—	—	111	183	693	
1959 or earlier	9 182	—	—	—	3 010	6 172	984	—	—	—	130	854	
ROOMS													
1 room	20	5	—	—	3	12	480	26	28	29	62	335	
2 rooms	60	6	11	8	23	12	744	131	85	64	92	372	
3 rooms	476	54	80	102	105	135	2 082	148	216	161	393	1 164	
4 rooms	3 216	428	591	682	881	634	2 911	143	337	318	677	1 436	
5 rooms	6 626	911	998	1 019	1 883	1 815	2 367	106	263	208	527	1 263	
6 rooms	9 393	742	742	878	1 942	5 089	2 528	36	179	80	393	1 840	
7 or more rooms	9 874	803	740	1 225	1 548	5 558	1 320	16	32	52	237	983	
Median	6.0	5.6	5.4	5.7	5.7	6.3	4.5	3.5	4.2	4.1	4.5	4.8	
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	29 329	2 933	3 162	3 888	6 303	13 043	11 883	587	1 125	896	2 286	6 989	
0.50 or less	19 179	1 514	1 590	2 303	4 494	9 278	7 366	426	636	535	1 225	4 544	
0.51 to 1.00	9 729	1 348	1 497	1 503	1 750	3 631	4 234	160	452	338	978	2 306	
1.01 to 1.50	355	53	66	76	43	117	219	1	35	18	67	98	
1.51 or more	66	18	9	6	16	17	64	—	2	5	16	41	
Locking complete plumbing for exclusive use	336	16	—	26	82	212	549	19	15	16	95	404	
0.50 or less	241	5	—	16	56	164	220	—	—	6	44	170	
0.51 to 1.00	71	9	—	4	26	32	295	17	13	10	47	208	
1.01 to 1.50	18	2	—	4	—	12	12	2	—	—	—	10	
1.51 or more	6	—	—	2	—	4	22	—	2	—	4	16	
PERSONS IN UNIT													
1 person	4 678	194	384	553	960	2 587	4 408	364	407	354	683	2 600	
2 persons	9 964	764	816	1 239	2 766	4 379	3 344	98	323	282	620	2 021	
3 persons	5 640	814	658	749	1 142	2 277	1 995	78	190	145	473	1 109	
4 persons	5 233	744	786	768	868	2 067	1 498	42	120	77	374	885	
5 persons	2 569	291	356	402	403	1 117	758	20	55	42	144	497	
6 or more persons	1 581	142	162	203	246	828	429	4	45	12	87	281	
Median	2.53	3.13	3.08	2.72	2.31	2.42	2.04	1.33	2.00	1.86	2.32	2.04	
Total persons	86 554	9 601	10 109	11 763	16 874	38 207	28 916	1 037	2 477	1 870	6 045	17 487	
UNITS IN STRUCTURE													
1, detached or attached	25 918	2 279	2 167	3 185	6 100	12 187	4 131	96	245	243	1 046	2 501	
2	976	29	14	33	115	785	2 797	39	59	77	518	2 104	
3 and 4	240	13	6	17	44	160	1 794	52	78	54	370	1 240	
5 to 9	96	4	9	2	23	58	1 476	10	108	88	299	971	
10 to 49	49	2	—	—	12	35	1 168	152	340	158	93	425	
50 or more	—	—	—	—	—	—	600	211	146	95	15	133	
Mobile home or trailer, etc.	2 386	622	966	677	91	30	466	46	164	197	40	19	
SELECTED CHARACTERISTICS													
Heating equipment	29 665	2 949	3 162	3 914	6 385	13 255	12 428	606	1 140	912	2 381	7 389	
Steam or hot water system	10 014	450	445	1 483	2 433	5 203	4 797	73	85	203	849	3 587	
Central warm-air furnace or electric heat pump	13 224	943	1 428	1 323	3 160	6 370	4 958	265	549	306	957	2 881	
Other built-in electric units	3 197	995	830	703	274	395	1 287	230	451	286	127	193	
Floor, wall, or pipeless furnace	2 940	7	31	29	76	147	194	10	9	21	68	86	
Other means	2 940	554	428	376	442	1 140	1 192	28	46	96	380	642	
Air conditioning	9 178	731	1 025	1 358	2 418	3 646	2 998	362	515	378	431	1 312	
Central system	1 306	181	172	312	447	194	567	143	263	77	21	63	
1 or more individual room units	7 872	550	853	1 046	1 971	3 452	2 431	219	252	301	410	1 249	
House heating fuel	29 665	2 949	3 162	3 914	6 385	13 255	12 428	606	1 140	912	2 381	7 389	
Utility gas	4 754	31	132	573	726	3 292	2 869	34	268	115	430	2 022	
Bottled, tank, or LP gas	332	42	69	92	60	69	181	5	12	21	38	105	
Electricity	3 563	1 115	914	785	315	434	1 719	385	618	340	166	210	
Fuel oil, kerosene, etc.	17 127	1 272	1 751	2 039	4 570	7 495	6 373	161	235	367	1 392	4 218	
Other	3 889	489	296	425	714	1 965	1 286	21	7	69	355	834	
Income in 1979 below poverty level	1 907	100	224	261	378	944	2 877	151	281	168	627	1 650	
Percent below poverty level	6.4	3.4	7.1	6.7	5.9	7.1	23.1	24.9	24.6	18.4	26.3	22.3	
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 517	112	208	293	526	1 378	2 976	262	296	175	572	1 671	
\$5,000 to \$9,999	4 504	241	406	497	925	2 435	3 288	157	279	219	514	2 119	
\$10,000 to \$12,499	2 598	218	324	296	532	1 228	1 600	41	157	138	411	853	
\$12,500 to \$14,999	2 569	222	311	313	570	1 153	1 105	47	97	87	231	643	
\$15,000 to \$19,999	5 210	658	593	596	1 121	2 242	1 707	59	152	150	307	1 039	
\$20,000 to \$24,999	4 819	631	562	699	1 041	1 886	1 011	22	85	89	198	617	
\$25,000 to \$34,999	4 779	636	531	735	992	1 885	525	7	45	34	112	327	
\$35,000 to \$49,999	1 938	182	194	329	510	723	147	11	16	15	30	75	
\$50,000 or more	731	49	33	156	168	325	73	—	13	5	6	49	
Median	\$17 576	\$20 180	\$17 565	\$19 661	\$18 004	\$15 996	\$9 928	\$6 250	\$9 907	\$11 123	\$10 636	\$9 783	

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
								5	11	7	600	466
Ocupied housing units	29 665	25 918	1 361	2 386	12 432	4 131	2 797	1 794	1 476	1 158	600	466
Condominium housing units	17	12	5	-	76	44	-	5	11	7	9	-
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	22 012	19 696	791	1 525	4 942	2 246	1 366	485	299	249	84	213
15 to 24 years	755	411	18	326	853	302	239	104	63	63	9	73
25 to 34 years	4 579	3 868	171	540	1 730	833	519	151	89	59	9	70
35 to 44 years	4 062	3 761	96	205	674	381	147	81	14	29	-	22
45 to 64 years	8 857	B 235	314	308	1 053	491	287	101	65	61	15	33
65 years and over	3 759	3 421	192	146	632	239	174	48	68	37	51	15
Male householder, no wife present	2 454	1 922	152	380	2 251	611	349	453	357	292	110	79
15 to 24 years	119	59	12	48	680	139	129	150	82	107	34	39
25 to 34 years	443	311	29	103	640	171	92	118	154	81	12	12
35 to 44 years	320	233	28	59	216	86	36	45	15	19	7	8
45 to 64 years	839	694	31	114	353	83	55	71	63	48	18	15
65 years and over	733	625	52	56	362	132	37	69	43	37	39	5
Female householder, no husband present	5 199	4 300	418	481	5 239	1 274	1 082	856	820	627	406	174
15 to 24 years	84	26	3	55	808	164	155	160	149	123	30	27
25 to 34 years	383	268	26	89	1 248	325	320	199	198	105	37	64
35 to 44 years	439	358	13	68	580	188	119	60	64	81	36	32
45 to 64 years	1 548	1 297	89	162	1 027	279	213	188	136	125	57	29
65 years and over	2 745	2 351	287	107	1 576	318	275	249	273	193	246	22
Median age	52.1	52.7	58.7	36.0	36.5	36.7	34.3	35.7	35.2	38.0	67.1	29.6
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 585	2 035	84	466	4 722	1 387	962	751	653	570	151	248
1975 to 1978	6 548	5 336	236	976	4 244	1 388	1 005	593	422	351	341	144
1970 to 1974	5 026	4 257	148	621	1 495	497	268	217	187	170	104	52
1960 to 1969	6 324	5 748	296	280	987	374	290	110	134	59	4	16
1959 or earlier	9 182	8 542	597	43	984	485	272	123	80	18	-	6
ROOMS												
1 room	20	5	12	3	480	11	6	53	106	163	141	-
2 rooms	60	31	9	20	744	47	65	99	194	145	185	9
3 rooms	476	270	64	142	2 082	233	301	526	445	344	197	36
4 rooms	3 216	1 876	185	1 155	2 911	763	781	535	330	245	231	231
5 rooms	6 626	5 524	294	808	2 367	825	567	328	279	166	44	158
6 rooms	9 393	8 690	509	194	2 528	1 252	855	185	100	105	7	24
7 or more rooms	9 674	9 522	288	64	1 320	1 000	222	68	22	-	-	8
Median	6.0	6.1	5.7	4.4	4.5	5.6	4.9	3.9	3.5	3.3	2.4	4.3
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	29 329	25 661	1 313	2 355	11 883	4 026	2 721	1 745	1 351	1 046	530	464
0.50 ar less	19 179	16 990	960	1 229	7 366	2 303	1 793	1 138	903	653	357	219
0.51 to 1.00	9 729	8 349	343	1 037	4 234	1 620	864	575	417	370	167	221
1.01 to 1.50	355	273	7	75	219	98	46	22	12	19	-	22
1.51 ar more	66	49	3	14	64	5	18	10	19	4	6	2
Locking complete plumbing for exclusive use	336	257	48	31	549	105	76	49	125	122	70	2
0.50 or less	241	194	34	13	220	68	33	31	59	29	-	-
0.51 to 1.00	71	53	6	12	295	25	39	18	62	79	70	2
1.01 to 1.50	18	8	6	4	12	6	4	-	-	2	-	-
1.51 ar more	6	2	2	2	22	6	-	-	4	12	-	-
BEDROOMS												
None	24	9	12	3	552	17	10	82	128	169	146	-
1	814	476	187	151	3 538	377	638	885	716	525	362	35
2	6 749	4 900	343	1 506	4 122	1 227	1 116	579	473	334	68	325
3	16 452	15 115	632	705	3 420	1 885	926	203	150	131	24	101
4	4 662	4 499	142	21	650	512	81	39	6	7	-	5
5 ar more	964	919	45	-	150	113	26	6	3	2	-	-
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 517	2 022	159	336	2 976	780	419	458	531	345	335	108
\$5,000 to \$9,999	4 504	3 698	312	494	3 288	963	684	533	422	373	157	156
\$10,000 to \$12,499	2 598	2 130	141	327	1 600	537	382	249	202	97	52	81
\$12,500 to \$14,999	2 569	2 187	86	296	1 105	376	288	141	144	106	15	35
\$15,000 to \$19,999	5 210	4 525	225	460	1 707	664	495	260	90	127	26	45
\$20,000 to \$24,999	4 819	4 326	183	310	1 011	430	343	91	53	59	15	20
\$25,000 to \$34,999	4 779	4 481	162	136	525	271	140	46	26	30	-	12
\$35,000 to \$49,999	1 938	1 846	69	23	147	85	27	8	-	20	-	7
\$50,000 ar more	731	703	24	4	73	25	19	8	8	11	-	2
Median	\$17 576	\$1B 271	\$14 491	\$12 804	\$9 928	\$11 501	\$11 934	\$9 173	\$7 453	\$7 945	\$4 671	\$9 148
Mean	\$19 426	\$20 092	\$17 033	\$13 560	\$11 586	\$13 213	\$13 208	\$10 542	\$8 734	\$10 285	\$6 236	\$10 622
SELECTED CHARACTERISTICS												
Heating equipment	29 665	25 918	1 361	2 386	12 428	4 127	2 797	1 794	1 476	1 168	600	466
Steam or hot water system	10 014	9 311	623	80	4 797	1 113	1 169	964	869	474	195	13
Central warm-air furnace or electric heat pump	13 224	10 803	550	1 871	4 958	2 091	1 188	533	298	333	175	340
Other built-in electric units	3 197	3 060	68	69	1 287	234	175	126	165	341	230	16
Floor, wall, or pipeless furnace	290	228	28	34	194	83	41	35	17	11	-	7
Other means	2 940	2 516	92	332	1 192	606	224	136	127	9	-	90
Air conditioning	9 178	8 019	444	715	2 998	759	572	451	368	532	221	95
Central system	1 306	1 139	35	132	567	87	21	41	43	258	97	20
Vehicles available	27 693	24 245	1 156	2 292	9 129	3 450	2 252	1 191	824	788	220	404
1	10 475	8 797	525	1 153	6 222	2 015	1 557	870	687	647	193	253
2 or more	17 218	15 448	631	1 139	2 907	1 435	695	321	137	141	27	151
House heating fuel	29 665	25 918	1 361	2 386	12 428	4 127	2 797	1 794	1 476	1 168	600	466
Utility gas	4 754	4 350	306	98	2 869	903	774	551	355	230	47	9
Bottled, tank, or LP gas	332	184	3	145	181	79	27	15	27	3	-	30
Electricity	3 563	3 395	70	98	1 719	265	194	140	185	543	365	27
Fuel oil, kerosene, etc.	17 127	14 393	785	1 949	6 373	2 183	1 575	948	758	345	188	376
Other	3 889	3 596	197	96	1 286	697	227	140	151	47	-	24
Water heating fuel	29 588	25 858	1 359	2 371	12 296	4 079	2 787	1 793	1 473	1 140	559	465
Utility gas	5 274	4 830	389	55	3 912	1 369	1 040	711	511	207	65	9
Bottled, tank, or LP gas	1 053	852	41	160	366	152	57	51	23	28	-	55
Electricity	12 842	10 444	401	1 997	4 508	1 517	865	431	370	592	365	368
Fuel oil, kerosene, etc.	9 244	8 675	422	147	3 224	948	761	546	523	291	122	33
Other	1 175	1 057	106	12	286	93	64	54	46	22	7	-
Family householder	24 602	21 875	928	1 799	7 280	3 169	1 858	823	562	398	132	338
With own children under 18 years	11 653	10 212	377	1 064	4 415	2 030	1 147	491	283	190	34	240
With own children under 6 years	4 510	3 767	141	602	2 468	1 023	618	332	173	125	27	170
Female householder, no husband present	1 907	1 602	108	197	2 066	800	434	285	247	149	48	103
With own children under 18 years	759	608	25	126	1 504	591	336	185	187	93	25	87
With own children under 6 years	103	74	2	27	697	250	127	88	110	52	18	52
Nonfamily householder	5 063	4 043	433	587								

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	29 665	4 678	9 964	5 640	5 233	2 569	1 006	412	163	2.53	86 554
Nonrelatives present	768	—	304	199	84	84	44	35	18	2.90	2 759
ROOMS											
1 to 3 rooms	556	263	192	46	25	20	10	—	—	1.58	1 092
4 rooms	3 216	953	1 395	562	240	49	10	2	5	1.97	6 909
5 rooms	6 626	964	2 494	1 418	1 144	422	146	22	16	2.44	18 101
6 rooms	9 393	1 466	3 136	1 867	1 742	810	272	89	11	2.55	26 915
7 rooms	4 992	454	1 597	986	1 101	495	233	98	28	2.95	16 023
8 or more rooms	4 882	578	1 150	761	981	773	335	201	103	3.44	17 514
Median	6.0	5.6	5.8	5.9	6.2	6.5	6.8	7.4	8.3	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	29 329	4 542	9 857	5 603	5 214	2 554	998	402	159	2.55	85 796
1.00 or less	28 908	4 542	9 855	5 601	5 191	2 489	836	299	95	2.51	83 074
1.01 to 1.50	355	—	—	2	12	47	152	101	41	6.27	2 304
1.51 or more	66	—	—	—	11	18	10	2	23	5.70	418
Locking complete plumbing for exclusive use	336	136	107	37	19	15	8	10	4	1.80	758
1.00 or less	312	136	107	37	17	11	4	—	—	1.69	597
1.01 to 1.50	18	—	—	—	2	2	4	10	—	6.60	114
1.51 or more	6	—	—	—	—	2	—	—	4	8.5+	47
UNITS IN STRUCTURE											
1, detached or attached	25 918	3 769	8 809	4 869	4 651	2 365	940	366	149	2.58	75 206
2 or more	1 361	382	439	211	199	68	28	28	6	2.18	4 811
Mobile home or trailer, etc.	2 386	527	716	560	383	136	38	18	8	2.43	6 537
VALUE											
Specified owner-occupied housing units	22 518	3 353	7 627	4 165	4 141	2 004	797	318	113	2.57	63 840
Less than \$10,000	355	116	108	46	31	36	15	3	2.07	948	
\$10,000 to \$19,999	2 202	578	709	361	268	140	72	54	20	2.24	5 626
\$20,000 to \$29,999	4 452	825	1 515	824	741	352	140	42	13	2.42	11 468
\$30,000 to \$39,999	5 187	781	1 700	1 054	920	457	171	85	19	2.61	14 345
\$40,000 to \$49,999	4 211	538	1 567	675	840	379	136	56	20	2.50	11 884
\$50,000 to \$59,999	2 784	263	926	577	649	193	102	42	32	2.85	8 874
\$60,000 to \$79,999	2 462	157	804	504	545	304	122	17	9	3.04	8 025
\$80,000 to \$99,999	566	66	216	65	102	79	26	12	—	2.52	1 789
\$100,000 to \$149,999	247	19	82	58	34	42	7	5	—	2.89	714
\$150,000 or more	52	10	—	1	11	22	6	2	—	4.68	167
Median	38 100	\$31 800	\$38 500	\$38 000	\$41 500	\$40 500	\$40 000	\$37 500	\$41 700	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	29 665	4 678	9 964	5 640	5 233	2 569	1 006	412	163	2.53	86 554
Median income	\$17 576	\$6 872	\$15 616	\$20 665	\$21 617	\$21 965	\$22 610	\$22 549	\$21 382	...	...
Median selected monthly owner costs as percentage of household income	16.6	26.8	14.7	15.0	16.5	16.5	16.6	15.5	16.7	...	...
With o mortgage	19.4	29.3	19.7	19.0	19.2	18.2	19.6	17.3	18.4	...	...
Not mortgaged	12.8	26.0	12.6	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	1 907	760	523	176	157	172	69	27	23	1.87	...
Median income	\$3 489	\$2 939	\$3 394	\$3 464	\$5 186	\$5 802	\$8 240	\$6 696	\$11 964	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	30.4	20.5	...	...
With o mortgage	50+	50+	50+	50+	50+	50+	50+	30.0	50+	...	...
Not mortgaged	48.6	50+	46.2	50+	23.5	50.0	22.0	31.3	17.0	...	...
Renter-occupied housing units	12 432	4 408	3 344	1 995	1 498	758	241	117	71	2.04	28 916
Nonrelatives present	1 074	—	550	233	105	118	30	31	7	2.48	3 110
ROOMS											
1 room	480	463	12	5	—	—	—	—	—	1.02	486
2 rooms	744	606	107	14	2	13	2	—	—	1.11	924
3 rooms	2 082	1 333	556	143	16	34	—	—	—	1.28	3 098
4 rooms	2 911	1 014	1 046	518	263	60	8	2	—	1.92	5 838
5 rooms	2 367	565	749	493	331	152	28	33	16	2.33	6 098
6 rooms	2 528	302	580	601	535	365	97	40	8	3.14	7 841
7 or more rooms	1 320	125	294	221	351	134	106	42	47	3.56	4 631
Median	4.5	3.4	4.5	5.1	5.8	6.4	6.1	7.0	—	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	11 883	4 061	3 228	1 970	1 471	740	237	107	69	2.08	27 976
1.00 or less	11 600	4 061	3 219	1 951	1 453	650	201	42	23	2.04	26 312
1.01 to 1.50	219	—	—	14	16	56	36	65	32	6.15	1 275
1.51 or more	64	—	9	5	2	34	—	—	14	4.97	389
Locking complete plumbing for exclusive use	549	347	116	25	27	18	4	10	2	1.29	940
1.00 or less	515	347	113	25	27	1	2	—	—	1.24	783
1.01 to 1.50	12	—	—	—	—	4	2	8	—	6.75	62
1.51 or more	22	—	3	—	—	13	2	2	2	5.12	95
UNITS IN STRUCTURE											
1, detached or attached	4 131	780	1 118	858	695	438	114	84	44	2.70	11 867
2	2 797	773	873	489	385	189	79	7	2	2.22	6 789
3 and 4	1 794	833	476	202	175	45	34	13	16	1.63	3 735
5 to 9	1 476	799	366	178	95	29	—	—	9	1.42	2 681
10 to 49	1 168	672	263	122	58	39	7	7	—	1.37	1 955
50 or more	600	456	106	38	—	—	—	—	—	1.16	704
Mobile home or trailer, etc.	466	95	142	108	90	18	7	6	—	2.47	1 185
GROSS RENT											
Specified renter-occupied housing units	11 693	4 262	3 154	1 864	1 354	688	211	94	66	2.00	26 777
Less than \$100	897	621	139	64	31	21	2	19	—	1.22	1 371
\$100 to \$149	1 622	813	404	161	105	79	26	13	21	1.50	3 355
\$150 to \$199	2 673	1 178	801	348	223	90	22	—	11	1.70	5 241
\$200 to \$249	2 764	800	828	574	341	139	42	23	17	2.20	6 587
\$250 to \$299	1 750	368	506	383	295	139	43	10	6	2.50	4 598
\$300 to \$349	813	154	214	145	182	98	13	7	—	2.77	2 273
\$350 to \$399	342	71	49	69	68	40	26	8	11	3.24	1 063
\$400 to \$449	181	28	31	32	45	27	18	—	—	3.48	596
\$500 or more	17	—	2	6	—	3	6	—	—	5.67	118
No cash rent	634	229	180	88	58	55	16	8	—	1.99	1 575
Median	\$206	\$175	\$208	\$227	\$243	\$243	\$255	\$233	\$213	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	12 432	4 408	3 344	1 995	1 498	758	241	117	71	2.04	28 916
Median income	\$9 928	\$6 318	\$11 418	\$11 689	\$13 225	\$13 238	\$14 122	\$11 856	\$11 250	...	...
Median gross rent as percentage of household income	24.6	29.8	21.8	23.2	23.2	23.1	24.4	15.0	19.4	...	...
Income in 1979 below poverty level	2 877	1 169	489	448	363	227	68	70	43	2.05	...
Median income	\$3 608	\$2 962	\$3 572	\$3 649	\$4 292	\$5 990	\$6 300	\$10 083	\$10 057	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	41.1	43.3	19.2	19.7	...	...

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Male householder						Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	
Owner-occupied housing units	4 678	1 545	78	279	143	483	562	3 133	51	110	91	801	2 080
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 542	1 477	75	269	141	463	529	3 065	48	105	91	788	2 033
Locking complete plumbing for exclusive use	136	68	3	10	2	20	33	68	3	5	—	13	47
UNITS IN STRUCTURE													
1, detached or attached	3 769	1 181	38	193	93	392	465	2 588	16	64	67	661	1 780
2 or more	382	95	12	10	4	17	52	287	3	16	36	232	151
Mobile home or trailer, etc.	527	269	28	76	46	74	45	258	32	30	24	104	68
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 674	392	19	22	23	72	256	1 282	13	2	11	228	1 028
\$5,000 to \$9,999	1 463	363	19	36	17	85	206	1 100	28	25	30	296	721
\$10,000 to \$12,499	587	232	19	91	13	81	28	355	2	32	15	155	151
\$12,500 to \$14,999	281	173	10	50	14	51	48	108	2	19	5	48	34
\$15,000 to \$19,999	405	227	7	60	33	113	14	178	4	18	28	46	82
\$20,000 to \$24,999	140	87	2	12	32	41	—	53	2	6	2	11	32
\$25,000 to \$34,999	83	48	2	5	9	30	2	35	—	8	—	17	10
\$35,000 to \$49,999	25	17	—	3	2	6	6	8	—	—	—	—	8
\$50,000 or more	20	6	—	—	4	2	14	—	—	—	—	—	14
Median	\$6 872	\$10 189	\$10 132	\$12 239	\$15 511	\$12 672	\$5 484	\$6 038	\$6 563	\$12 188	\$10 750	\$7 306	\$5 066
Mean	\$8 760	\$11 037	\$9 776	\$12 909	\$14 356	\$13 771	\$7 088	\$7 638	\$7 329	\$13 172	\$11 066	\$8 357	\$6 926
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	3 353	956	35	159	67	333	362	2 397	14	61	65	613	1 644
With a mortgage	604	308	32	125	28	99	24	296	4	54	26	107	105
Less than \$200	111	53	5	8	—	31	9	58	2	6	2	24	24
\$200 to \$249	100	36	—	14	3	14	5	64	2	13	7	16	26
\$250 to \$299	123	80	8	49	7	16	—	43	—	3	—	12	28
\$300 to \$349	77	51	5	11	—	25	10	26	—	3	3	13	7
\$350 to \$399	62	33	12	17	4	—	—	29	—	7	—	21	1
\$400 to \$449	74	23	—	13	8	2	—	51	—	18	6	10	17
\$500 to \$599	38	25	—	8	6	11	—	13	—	—	—	11	2
\$600 to \$749	7	7	2	5	—	—	—	—	—	—	—	—	—
\$750 or more	12	—	—	—	—	—	—	12	—	4	8	—	—
Median	\$287	\$291	\$330	\$291	\$400	\$264	\$230	\$280	\$150	\$364	\$408	\$306	\$254
Not mortgaged	2 749	648	3	34	39	234	338	2 101	10	7	39	506	1 539
Less than \$50	40	24	—	6	—	11	7	16	—	—	—	—	16
\$50 to \$74	93	19	—	—	1	2	16	74	—	—	8	14	52
\$75 to \$99	422	68	3	5	2	24	34	354	—	7	8	95	244
\$100 to \$124	704	145	—	4	11	54	76	559	—	2	147	410	299
\$125 to \$149	588	156	—	8	4	62	82	432	8	—	9	116	345
\$150 to \$199	624	162	—	11	21	54	76	462	2	—	12	103	23
\$200 to \$249	172	52	—	—	—	18	34	120	—	—	—	—	23
\$250 or more	106	22	—	—	—	9	13	84	—	—	—	8	76
Median	\$130	\$136	\$88	\$131	\$154	\$135	\$136	\$128	\$141	\$88	\$129	\$124	\$129
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	26.8	22.0	28.8	24.9	17.1	17.0	27.6	28.8	50+	32.5	18.5	22.6	31.3
With a mortgage	29.3	25.1	32.0	26.5	23.8	21.2	46.0	44.8	30.0	35.8	50+	41.7	49.3
Not mortgaged	26.0	19.2	10—	13.0	11.8	14.2	27.3	27.5	50+	10—	12.5	21.4	30.6
Income in 1979 below poverty level	760	168	8	15	21	43	81	592	13	2	11	144	422
Percent below poverty level	16.2	10.9	10.3	5.4	14.7	8.9	14.4	18.9	25.5	1.8	12.1	18.0	20.3
Renter-occupied housing units	4 408	1 562	391	522	90	262	297	2 846	333	391	179	617	1 326
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 061	1 353	366	465	79	196	247	2 708	311	377	156	580	1 284
Locking complete plumbing for exclusive use	347	209	25	57	11	66	50	138	22	14	23	37	42
UNITS IN STRUCTURE													
1, detached or attached	780	381	73	138	25	47	98	399	27	35	5	110	222
2	773	212	69	65	11	43	24	561	55	118	38	116	234
3 and 4	833	325	87	98	20	57	63	508	67	85	6	142	208
5 to 9	799	279	40	142	15	41	41	520	77	86	23	107	227
10 to 49	672	230	79	64	10	48	29	442	68	55	54	83	182
50 or more	456	104	34	7	7	17	39	352	30	6	36	42	238
Mobile home or trailer, etc.	95	31	9	8	2	9	3	64	9	6	17	17	15
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 837	503	130	78	13	64	218	1 334	124	24	46	288	852
\$5,000 to \$9,999	1 323	443	143	135	19	87	59	880	152	145	67	185	331
\$10,000 to \$12,499	522	226	68	106	13	27	12	296	36	99	17	71	73
\$12,500 to \$14,999	259	113	23	55	12	21	2	146	10	59	7	26	44
\$15,000 to \$19,999	330	180	27	87	23	43	—	150	5	57	37	38	13
\$20,000 to \$24,999	91	63	—	52	6	5	—	28	6	7	—	9	6
\$25,000 to \$34,999	34	27	—	9	4	8	6	7	—	—	—	7	7
\$35,000 to \$49,999	12	7	—	—	—	7	5	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$6 318	\$7 545	\$6 724	\$11 132	\$12 500	\$8 485	\$4 090	\$5 529	\$7 083	\$10 669	\$8 892	\$5 545	\$4 342
Mean	\$7 605	\$9 012	\$7 291	\$11 567	\$12 401	\$10 093	\$4 805	\$6 833	\$6 800	\$10 733	\$9 889	\$6 825	\$5 282
GROSS RENT													
Specified renter-occupied housing units	4 262	1 491	381	495	79	259	277	2 771	330	386	179	596	1 280
Less than \$100	621	210	50	28	7	72	53	411	38	10	10	119	234
\$100 to \$149	813	246	72	65	12	27	70	567	50	20	42	123	332
\$150 to \$199	1 178	402	108	186	24	53	31	776	134	147	51	182	262
\$200 to \$249	800	298	83	134	10	39	32	502	84	90	49	92	187
\$250 to \$299	368	135	46	47	7	26	9	233	22	83	9	21	98
\$300 to \$349	154	64	9	19	9	20	7	90	—	27	—	27	36
\$350 to \$399	71	31	5	6	4	14	2	40	—	9	18	6	7
\$400 to \$449	28	6	—	—	6	—	—	22	—	—	—	—	22
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	229	99	8	10	—	8	73	130	2	—	—	26	102
Median	\$175	\$181	\$175	\$191	\$196	\$178	\$128	\$172	\$180	\$207	\$187	\$159	\$153
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	29.8	24.8	33.3	19.5	20.7	19.7	37.6	32.0	30.0	25.3	27.4	31.7	38.3
Income in 1979 below poverty level	1 169	329	87	58	13	47	124	840	92	23	40	217	468
Percent below poverty level	26.5	21.1	22.3	11.1	14.4	17.9	41.8	29.5	27.6	5.9	22.3	35.2	35.3

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months	The SMSA		Total	Less than 2 months	2 up to 6 months	6 or more months
	Vacant for sale only housing units	492	70	205	217	Vacant for rent housing units	1 127	428	417	282
ROOMS										
1 to 3 rooms										
10	—	6	4			1 room	184	22	135	27
82	7	18	57			2 rooms	98	29	43	26
83	5	30	48			3 rooms	234	99	85	50
139	35	66	38			4 rooms	215	47	59	109
91	20	51	20			5 rooms	113	89	7	17
87	3	34	50			6 rooms	217	121	65	31
Median	6.0	6.2	5.5			7 or more rooms	66	21	23	22
						Median	3.7	4.7	2.9	3.8
PLUMBING FACILITIES										
Complete plumbing for exclusive use										
471	70	203	198			Complete plumbing for exclusive use	1 051	415	368	268
Locking complete plumbing for exclusive use	21	—	2			Locking complete plumbing for exclusive use	76	13	49	14
BEDROOMS										
None										
—	—	—	—			BEDROOMS	190	28	135	27
1	32	11	21			None	350	154	122	74
2	138	24	22			1	345	140	81	124
3	193	28	123			2	184	89	55	40
4	106	18	39			3	39	13	9	17
5 or more	23	—	10			4	19	4	15	—
YEAR STRUCTURE BUILT										
1975 to March 1980										
78	10	56	12			YEAR STRUCTURE BUILT	32	10	1	21
1970 to 1974	47	—	20			1975 to March 1980	70	39	19	12
1960 to 1969	35	2	18			1970 to 1974	89	44	18	27
1950 to 1959	78	3	31			1960 to 1969	117	71	29	17
1940 to 1949	43	36	—			1950 to 1959	117	48	48	21
1939 or earlier	211	19	73			1940 to 1949	702	216	302	184
						1939 or earlier				
UNITS IN STRUCTURE										
1, detached or attached										
395	60	182	153			UNITS IN STRUCTURE	343	157	106	80
2 or more	44	—	11			1, detached or attached	101	22	41	38
Mobile home or trailer	53	10	12			2	174	86	51	37
HEATING EQUIPMENT										
Central heating system										
446	68	184	194			3 and 4	226	43	96	87
Other means	46	2	21			5 to 9	182	78	87	17
None	—	—	—			10 to 49	51	33	18	—
PRICE ASKED										
Specified vacant for sale only housing units										
339	40	154	145			RENT ASKED	1 112	428	414	270
Less than \$10,000	11	—	5			Specified vacant for rent housing units	209	54	103	52
\$10,000 to \$19,999	37	2	—			Less than \$100	270	50	154	66
\$20,000 to \$29,999	80	16	35			\$100 to \$149	333	114	118	101
\$30,000 to \$39,999	59	4	18			\$150 to \$199	201	140	32	29
\$40,000 to \$49,999	69	3	40			\$200 to \$249	70	46	7	17
\$50,000 to \$59,999	37	15	14			\$250 to \$299	17	12	—	5
\$60,000 to \$79,999	43	—	42			\$300 to \$399	12	12	—	—
\$80,000 to \$99,999	3	—	—			\$400 or more	156	\$196	\$126	\$155
\$100,000 or more	—	—	—			Median				
Median	\$35 400	\$35 000	\$46 300	\$30 400						

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more
Total	339	11	117	128	83	—	35 400	1 112	209	603	271	17	12
PLUMBING FACILITIES													
Complete plumbing for exclusive use	330	7	115	125	83	—	36 200	1 038	172	566	271	17	12
Locking complete plumbing for exclusive use	9	4	2	3	—	—	23 100	74	37	—	—	100	159
BEDROOMS													
None	—	—	—	—	—	—	—	190	91	99	—	—	102
1	9	9	—	—	—	—	—	346	24	240	82	—	164
2	73	—	33	23	17	—	—	345	67	152	126	—	163
3	159	2	65	54	38	—	35 800	176	12	80	57	15	12
4	79	—	15	36	28	—	38 300	37	9	24	2	2	173
5 or more	19	—	4	15	—	—	43 100	18	6	8	4	—	154
YEAR STRUCTURE BUILT													
1975 to March 1980	69	—	2	24	43	—	56 300	27	2	15	10	—	195
1970 to 1974	24	—	17	7	—	—	45 800	70	4	22	29	15	254
1960 to 1969	21	5	12	4	—	—	16 400	87	4	35	48	—	209
1950 to 1959	45	2	23	17	3	—	29 000	113	24	48	41	—	155
1940 to 1949	40	—	23	—	17	—	24 500	117	33	78	6	—	152
1939 or earlier	140	4	57	66	13	—	31 600	698	142	405	137	2	12
UNITS IN STRUCTURE													
1, detached or attached	339	11	117	128	83	—	35 400	328	65	153	105	5	155
2 or more	...	...	...	...	...	—	—	734	137	421	152	12	158
Mobile home or trailer	...	...	...	...	...	—	—	50	7	29	14	—	150

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

Williamsport city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	5 442	130	944	1 480	1 280	710	334	320	103	113	28	31 200	36 200
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	3 618	90	512	940	907	467	255	265	66	94	22	32 700	38 100
15 to 24 years -----	52	7	16	18	11	—	—	—	—	—	—	20 700	22 200
25 to 34 years -----	566	19	75	126	212	73	15	36	10	—	—	34 000	34 800
35 to 44 years -----	544	25	69	116	125	53	50	61	5	29	11	34 800	43 900
45 to 64 years -----	1 509	21	224	389	364	206	130	78	33	53	11	32 600	39 000
65 years and over -----	947	18	128	291	195	135	60	90	18	12	—	31 500	36 400
Male householder, no wife present -----	470	14	126	152	93	32	19	18	3	13	—	25 600	31 300
15 to 24 years -----	6	—	—	6	—	—	—	—	—	—	—	32 500	32 500
25 to 34 years -----	61	4	31	12	14	—	—	—	—	—	—	18 900	22 700
35 to 44 years -----	43	8	8	15	7	—	5	—	—	—	—	24 200	23 800
45 to 64 years -----	187	—	39	70	37	20	7	11	3	—	—	25 900	31 200
65 years and over -----	173	2	48	55	29	12	7	7	—	13	—	27 600	36 200
Female householder, no husband present -----	1 354	26	306	388	280	211	60	37	34	6	6	28 500	32 600
15 to 24 years -----	77	7	20	12	23	15	—	—	—	—	—	22 400	27 500
25 to 34 years -----	131	8	48	25	27	8	—	7	8	—	—	22 000	29 900
35 to 44 years -----	341	—	72	113	81	38	20	11	—	—	6	29 000	34 400
45 to 64 years -----	805	11	166	238	149	150	40	19	26	6	—	28 900	32 800
Median age -----	57.3	42.0	58.9	59.4	53.2	61.5	57.6	56.3	55.8	58.2	46.4	......	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	412	20	40	62	182	38	14	34	—	11	11	35 700	40 700
1975 to 1978 -----	959	17	151	192	313	118	62	59	26	10	11	33 400	38 300
1970 to 1974 -----	680	5	102	263	125	78	59	35	—	13	—	28 500	33 900
1960 to 1969 -----	1 187	48	211	274	255	129	91	82	39	52	6	32 300	39 700
1959 or earlier -----	2 204	40	440	689	405	347	108	110	38	27	—	28 500	33 200
ROOMS													
1 to 3 rooms -----	32	—	12	16	—	—	4	—	—	—	—	21 700	23 400
4 rooms -----	214	31	58	41	59	19	6	—	—	—	—	25 500	24 900
5 rooms -----	745	31	209	227	158	91	23	6	—	—	—	25 400	27 300
6 rooms -----	2 420	52	513	758	597	333	90	60	9	8	—	28 200	30 200
7 rooms -----	1 012	10	101	240	320	127	94	106	14	—	—	34 400	37 600
8 or more rooms -----	1 019	6	51	198	146	140	117	148	80	105	28	47 800	58 100
Median -----	6.2	5.6	5.9	6.1	6.2	6.2	7.0	7.4	8.4	8.5+	8.5+	...	...
BEDROOMS													
None -----	—	—	—	—	—	—	—	—	—	—	—	—	—
1 -----	83	—	18	42	19	—	4	—	—	—	—	24 500	25 200
2 -----	886	51	220	257	179	133	36	10	—	—	—	25 600	27 800
3 -----	3 203	51	595	946	826	426	137	150	51	21	—	30 100	33 000
4 -----	1 050	28	111	194	244	116	130	141	40	29	17	37 800	45 600
5 or more -----	220	—	—	41	12	35	27	19	12	63	11	57 900	75 000
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	36	—	5	—	7	—	—	6	18	—	—	80 000	67 700
1970 to 1974 -----	46	—	—	21	13	—	5	7	—	—	—	30 800	36 200
1960 to 1969 -----	181	—	8	—	28	28	28	44	15	24	6	59 100	71 600
1950 to 1959 -----	436	—	11	51	93	113	52	72	15	18	11	45 000	52 700
1940 to 1949 -----	417	6	49	72	95	85	39	52	11	8	—	38 600	41 900
1939 or earlier -----	4 326	124	871	1 336	1 044	484	210	139	44	63	11	28 500	32 200
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	466	2	196	147	43	67	5	6	—	—	—	21 300	24 900
\$5,000 to \$9,999 -----	964	37	183	355	202	129	39	19	—	—	—	27 000	29 100
\$10,000 to \$12,499 -----	486	22	114	172	46	72	30	18	6	—	—	24 400	30 200
\$12,500 to \$14,999 -----	426	7	36	149	123	86	6	16	3	—	—	31 400	33 300
\$15,000 to \$19,999 -----	901	10	204	209	306	79	40	41	12	—	—	31 200	32 400
\$20,000 to \$24,999 -----	825	20	103	241	248	97	40	48	7	21	—	31 600	35 500
\$25,000 to \$34,999 -----	793	32	92	143	213	100	101	71	35	—	6	34 900	40 200
\$35,000 to \$49,999 -----	319	—	16	58	79	56	29	64	6	11	—	41 200	46 300
\$50,000 or more -----	262	—	—	6	20	24	44	37	34	75	22	80 000	88 800
Median -----	\$17 219	\$13 929	\$12 039	\$13 607	\$18 621	\$15 081	\$25 515	\$26 667	\$32 023	\$70 925	\$65 132	...	...
Mean -----	\$20 321	\$16 217	\$13 777	\$15 605	\$20 167	\$18 928	\$27 478	\$29 764	\$40 716	\$69 836	\$83 386	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	2 287	39	362	524	672	264	141	156	48	53	28	33 200	39 100
Less than 15 percent -----	666	13	105	135	162	95	38	42	12	42	22	34 300	45 400
15 to 19 percent -----	561	13	90	111	204	41	47	38	6	11	—	33 100	35 900
20 to 24 percent -----	392	6	35	88	158	49	23	11	16	—	6	35 300	40 100
25 to 29 percent -----	258	—	42	84	61	13	17	36	5	—	—	30 700	36 700
30 to 34 percent -----	91	7	28	23	28	—	5	—	—	—	—	22 000	24 900
35 percent or more -----	313	—	62	83	53	66	11	29	9	—	—	31 400	36 300
Nat computed -----	6	—	—	—	6	—	—	—	—	—	—	32 500	32 500
Median -----	19.2	17.5	19.2	20.9	19.2	19.5	18.5	19.7	21.9	12.5	13.2	...	...
Not mortgaged -----	3 155	91	582	956	608	446	193	164	55	60	—	29 300	34 100
Less than 10 percent -----	858	37	143	201	187	93	82	54	28	33	—	32 200	38 300
10 to 14 percent -----	779	34	99	253	187	106	44	40	8	8	—	30 100	33 200
15 to 19 percent -----	454	7	91	168	62	54	33	26	7	6	—	26 400	32 700
20 to 24 percent -----	315	7	35	121	75	45	7	19	6	—	—	29 400	32 600
25 to 29 percent -----	223	6	50	48	41	50	22	6	—	—	—	35 900	32 900
30 to 34 percent -----	126	—	23	45	9	32	—	4	—	13	—	29 100	39 900
35 percent or more -----	392	—	133	120	47	66	5	15	6	—	—	23 500	28 700
Nat computed -----	8	—	8	—	—	—	—	—	—	—	—	12 500	12 500
Median -----	14.6	11.3	17.5	15.7	13.1	17.2	11.6	13.5	10—	10—	—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	5 423	126	944	1 465	1 280	710	334	320	103	113	28	31 300	36 200
1.01 or more persons per room -----	52	—	25	6	17	—	4	—	—	—	—	27 900	26 800
Locking complete plumbing for exclusive use -----	19	4	—	15	—	—	—	—	—	—	—	24 200	21 300
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearing equipment -----	5 442	130	944	1 480	1 280	710	334	320	103	113	28	31 200	36 200
Central heating system -----	5 234	116	887	1 414	1 224	695	334	320	103	113	28	31 500	36 600
Air conditioning -----	2 050	28	187	411	497	350	161	215	68	105	28	37 500	46 000
Central system -----	241	4	—	12	51	32	26	59	22	35	—	56 300	64 900
Income in 1979 below poverty level -----	301	—	128	79	32	36	10	16	—	—	—	21 500	26 400
Percent below poverty level -----	5.5	—	13.6	5.3	2.5	5.1	3.0	5.0	—	—	—	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

Williamsport city

Specified renter-occupied housing units

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	6 303	640	1 005	1 509	1 514	900	378	143	61	12	141	198	
15 to 24 years	2 133	90	207	387	620	451	196	72	39	—	71	227	
25 to 34 years	261	—	11	60	112	60	7	5	6	—	—	219	
35 to 44 years	807	29	73	164	209	175	95	45	5	—	12	230	
45 to 64 years	250	7	18	33	67	67	35	8	11	—	4	249	
65 years and over	510	12	37	75	153	126	44	8	12	—	43	237	
Male householder, no wife present	305	42	68	55	79	23	15	6	5	—	12	190	
15 to 24 years	1 232	172	204	396	249	100	62	7	—	6	36	177	
25 to 34 years	402	57	69	130	93	45	8	—	—	—	—	169	
35 to 44 years	314	18	46	142	83	13	12	—	—	—	6	187	
45 to 64 years	117	11	—	46	15	7	19	7	—	6	3	198	
65 years and over	220	56	21	49	45	31	15	—	—	—	3	185	
Female householder, no husband present	179	30	68	29	13	4	8	—	—	—	27	129	
15 to 24 years	2 938	378	594	726	645	349	120	64	22	6	34	184	
25 to 34 years	507	51	67	168	124	74	23	—	—	—	—	190	
35 to 44 years	685	39	64	177	180	143	48	34	—	—	—	212	
45 to 64 years	342	14	89	72	77	44	20	26	—	—	5	198	
65 years and over	577	99	142	120	126	62	19	4	—	—	5	159	
Median age	827	175	232	189	138	26	10	—	22	6	29	149	
YEAR HOUSEHOLDER MOVED INTO UNIT	37.2	60.3	51.8	32.8	33.9	32.9	34.5	33.3	62.1	62.5	63.6	...	
1979 to March 1980	2 288	181	277	605	562	352	183	93	23	12	—	206	
1975 to 1978	2 254	321	300	509	573	356	123	34	27	—	11	199	
1970 to 1974	766	93	183	140	216	53	36	13	6	—	26	184	
1960 to 1969	506	17	129	142	105	77	12	3	—	—	21	168	
1959 or earlier	489	28	116	113	58	62	24	—	5	—	83	181	
ROOMS													
1 room	385	239	81	40	21	4	—	—	—	—	—	89	
2 rooms	458	127	189	112	20	—	—	—	10	—	—	133	
3 rooms	1 284	137	269	520	269	70	14	5	—	—	—	171	
4 rooms	1 140	74	169	372	326	143	56	—	—	—	—	196	
5 rooms	1 054	41	127	204	323	249	60	8	—	—	42	218	
6 rooms	1 481	22	148	217	427	364	162	76	24	—	41	240	
7 or more rooms	501	—	22	44	128	70	86	54	27	12	58	266	
Median	4.4	2.1	3.4	3.7	4.9	5.4	5.9	6.3	6.4	7.5	6.2	...	
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979													
All income levels in 1979	6 303	640	1 005	1 509	1 514	900	378	143	61	12	141	198	
Complete plumbing for exclusive use	5 913	487	901	1 445	1 483	880	370	143	61	6	137	202	
0.50 or less	3 641	568	1 002	930	930	537	166	60	33	—	108	198	
0.51 to 1.00	2 130	227	289	429	523	329	194	76	28	6	29	209	
1.01 to 1.50	104	19	25	9	20	14	10	7	—	—	—	189	
1.51 or more	38	4	19	5	10	—	—	—	—	—	—	146	
Locking complete plumbing for exclusive use	390	153	104	64	31	20	8	—	—	6	4	115	
0.50 or less	157	44	51	40	10	—	8	—	—	—	4	114	
0.51 to 1.00	222	106	53	16	21	20	—	—	—	6	—	114	
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	
1.51 or more	11	3	—	8	—	—	—	—	—	—	—	153	
Income in 1979 below poverty level	1 650	320	445	358	252	132	70	42	10	—	—	21	155
Complete plumbing for exclusive use	1 479	261	380	337	231	127	70	42	10	—	—	21	159
1.01 or more persons per room	94	23	37	9	15	5	5	—	—	—	—	—	130
Locking complete plumbing for exclusive use	171	59	65	21	21	5	—	—	—	—	—	—	120
1.01 or more persons per room	8	—	—	8	—	—	—	—	—	—	—	—	155
BEDROOMS													
None	447	239	111	66	27	4	—	—	—	—	—	—	96
1	2 127	279	450	803	462	90	28	5	10	—	—	—	169
2	1 652	74	230	380	479	361	96	—	6	—	—	26	213
3	1 753	41	186	233	460	415	218	106	—	—	66	241	
4	258	7	21	11	75	30	26	32	17	—	39	248	
5 or more	66	—	7	16	11	—	10	—	—	12	10	236	
UNITS IN STRUCTURE													
1, detached or attached	1 524	80	112	300	371	261	161	95	32	6	106	233	
2	1 530	48	175	288	453	378	129	29	7	—	23	221	
3 and 4	1 175	74	217	369	310	128	45	14	12	6	—	192	
5 to 9	999	49	266	348	206	93	20	5	—	—	12	175	
10 to 49	568	141	117	157	116	20	17	—	—	—	—	159	
50 or more	507	248	118	47	58	20	6	—	10	—	—	102	
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	
YEAR STRUCTURE BUILT													
1975 to March 1980	271	124	86	33	—	5	13	—	10	—	—	—	111
1970 to 1974	390	139	66	32	76	47	30	—	—	—	—	—	134
1960 to 1969	206	49	47	17	40	34	16	—	—	—	3	169	
1950 to 1959	410	40	81	88	112	42	27	7	9	—	4	197	
1940 to 1949	673	32	65	203	171	116	70	5	—	—	11	207	
1939 or earlier	4 353	256	660	1 136	1 115	656	222	131	42	12	123	203	
STORIES IN STRUCTURE													
1 to 3	5 732	374	836	1 419	1 491	890	375	143	51	12	141	205	
4 or more	571	266	169	90	23	10	3	—	10	—	—	108	
With elevator	388	222	101	31	17	4	3	—	10	—	—	90	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 126	180	166	318	297	154	—	5	—	6	—	179	
15 to 19 percent	894	95	145	253	222	108	54	17	—	—	—	193	
20 to 24 percent	1 043	169	135	210	203	166	108	37	15	—	—	201	
25 to 29 percent	758	66	90	137	254	135	51	13	6	—	—	217	
30 to 34 percent	401	34	63	95	73	69	47	15	5	—	—	204	
35 to 49 percent	763	51	176	159	191	105	34	28	19	—	—	198	
50 percent or more	1 113	40	199	323	263	160	84	28	16	—	—	199	
Not computed	205	5	31	14	11	3	—	—	—	—	141	145	
Median	24.9	21.3	27.3	24.2	25.6	25.8	27.6	29.8	36.7	17.0	—	—	
SELECTED CHARACTERISTICS													
Housing equipment	6 299	640	1 005	1 509	1 514	900	378	143	61	12	137	198	
Central heating system	5 792	627	919	1 369	1 367	865	331	130	55	6	123	197	
Air conditioning	1 342	136	212	308	297	201	83	11	33	61	—	198	
Central system	212	30	58	35	17	35	34	—	—	3	—	176	

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Williamsport city

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
	Owner-occupied housing units	6 148	557	1 140	526	459	1 009	923	901	346	287	17 094	20 037	366
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	3 999	81	503	278	362	698	777	763	291	246	20 502	23 914	117
15 to 24 years	61	—	7	12	—	25	17	—	—	—	18 015	16 184	—
25 to 34 years	631	—	13	34	124	157	165	119	12	7	19 609	20 906	9
35 to 44 years	568	—	17	16	39	146	112	155	31	52	23 203	28 477	22
45 to 64 years	1 680	30	83	74	93	232	368	437	219	144	24 468	28 240	37
65 years and over	1 059	51	383	142	106	138	115	52	29	43	11 681	16 840	49
Male householder, no wife present	586	80	115	44	70	109	65	43	31	29	14 429	17 144	29
15 to 24 years	15	6	—	4	5	—	—	—	—	—	10 938	7 365	6
25 to 34 years	82	—	7	10	6	37	8	4	10	—	18 716	19 240	—
35 to 44 years	66	3	8	—	—	12	8	23	9	3	27 813	24 978	3
45 to 64 years	222	14	32	21	38	51	32	16	12	6	15 938	17 982	10
65 years and over	201	57	68	9	21	9	17	—	—	20	8 542	13 521	10
Female householder, no husband present	1 563	396	522	204	27	202	81	95	24	12	8 755	11 202	220
15 to 24 years	—	—	—	—	—	—	—	—	—	—	—	—	—
25 to 34 years	97	—	33	27	—	20	13	4	—	—	11 435	13 527	21
35 to 44 years	134	8	35	3	—	42	15	31	—	—	17 717	16 996	15
45 to 64 years	380	70	101	64	8	71	30	31	—	5	10 742	12 698	72
65 years and over	952	318	353	110	19	69	23	29	24	7	7 513	9 553	112
Median age	57.7	72.0	70.8	64.8	54.2	51.5	50.5	50.2	51.4	53.2	... ...	63.6	
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	448	10	71	25	53	95	68	79	17	30	18 790	23 200	20
1975 to 1978	1 076	32	80	83	88	225	242	241	50	35	20 600	22 353	50
1970 to 1974	759	52	93	61	49	144	133	92	43	43	19 503	22 697	47
1960 to 1969	1 367	107	198	80	70	241	210	274	78	109	19 752	23 889	95
1959 or earlier	2 498	356	698	277	199	304	270	215	109	70	11 760	15 556	154
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	6 129	542	1 136	526	459	1 009	923	901	346	287	17 145	20 088	358
1.01 or more persons per room	55	—	—	—	3	25	16	7	4	—	19 875	21 900	—
Locking complete plumbing for exclusive use	19	15	4	—	—	—	—	—	—	—	3 036	3 680	8
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	6 148	557	1 140	526	459	1 009	923	901	346	287	17 094	20 037	366
Central heating system	5 922	545	1 080	512	424	973	897	858	346	287	17 160	20 185	354
Air conditioning	2 336	94	357	155	176	326	387	428	178	235	20 857	25 627	66
Central system	266	7	22	5	12	30	55	48	7	80	25 500	40 580	—
Vehicles available	5 372	245	828	497	437	956	916	892	326	275	18 647	21 683	214
1	2 851	201	734	404	267	540	386	243	61	15	13 310	15 132	142
2 or more	2 521	44	94	93	170	416	530	649	265	260	24 322	29 091	72
House heating fuel	6 148	557	1 140	526	459	1 009	923	901	346	287	17 094	20 037	366
Utility gas	2 343	247	459	205	142	389	401	358	80	62	16 875	18 098	175
Bottled, tank, or LP gas	6	6	—	—	—	—	—	—	—	—	3 750	3 485	—
Electricity	212	23	4	26	6	20	33	61	17	22	22 500	26 602	5
Fuel oil, kerosene, etc.	3 196	250	601	259	280	531	439	414	227	195	16 955	21 213	176
Other	391	31	76	36	31	69	50	68	22	8	16 536	18 735	10
Median rooms	6.2	5.8	5.9	6.0	6.0	6.1	6.2	6.4	7.3	8.5+	...	...	5.8
Specified owner-occupied housing units	5 442	466	964	486	426	901	825	793	319	262	17 219	20 321	301
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	2 287	74	174	150	205	460	406	479	205	134	20 919	24 528	114
Less than \$200	199	22	26	32	13	47	36	16	7	—	15 580	15 908	14
\$200 to \$249	292	—	49	32	30	63	32	55	31	—	17 813	19 685	7
\$250 to \$299	430	22	23	40	27	108	86	100	24	—	19 836	20 686	29
\$300 to \$349	410	8	19	18	63	110	115	33	24	20	19 261	21 797	7
\$350 to \$399	325	11	15	17	46	70	69	68	23	6	20 350	21 609	17
\$400 to \$449	303	—	24	6	26	28	51	98	60	10	26 086	27 061	14
\$500 to \$599	164	11	—	5	—	34	14	71	6	23	26 034	29 673	11
\$600 to \$749	118	—	10	—	—	—	—	29	30	49	31 757	52 184	10
\$750 or more	46	—	8	—	—	—	3	9	—	26	8 125	67 452	5
Median	\$327	\$284	\$276	\$264	\$326	\$305	\$321	\$376	\$386	\$624	...	...	\$350
Not mortgaged	3 155	392	790	336	221	441	419	314	114	128	13 173	17 271	187
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	37	6	15	6	5	—	5	—	—	—	9 107	9 970	—
\$75 to \$99	174	101	28	25	—	6	—	14	—	—	4 551	7 425	52
\$100 to \$124	598	102	215	91	51	36	70	24	9	—	9 554	11 507	51
\$125 to \$149	637	42	237	67	52	77	52	102	8	—	11 474	14 524	33
\$150 to \$199	1 083	95	225	118	82	214	189	106	31	23	15 452	16 993	30
\$200 to \$249	346	38	45	16	21	57	57	49	44	19	19 778	21 416	21
\$250 or more	280	8	25	13	10	51	46	19	22	86	23 750	38 867	—
Median	\$156	\$122	\$139	\$142	\$152	\$174	\$172	\$158	\$210	\$250+	...	...	\$120
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	2 287	74	174	150	205	460	406	479	205	134	20 919	24 528	114
Less than 15 percent	666	—	—	4	59	112	213	158	120	31 811	38 788	—	
15 to 19 percent	561	—	4	32	17	139	167	148	40	14	22 664	24 472	5
20 to 24 percent	392	—	15	6	31	163	94	76	7	—	19 448	20 509	—
25 to 29 percent	258	—	11	61	81	45	23	37	—	—	14 259	16 570	7
30 to 34 percent	91	—	14	10	36	19	7	5	—	—	13 993	14 716	—
35 percent or more	313	68	130	41	36	35	3	—	—	—	8 404	9 234	96
Not computed	6	6	—	—	—	—	—	—	—	—	2500	-1 755	6
Median	19.2	50+	45.0	28.0	28.1	21.0	17.7	15.9	11.9	11.0	...	...	50+
Not mortgaged	3 155	392	790	336	221	441	419	314	114	128	13 173	17 271	187
Less than 10 percent	858	—	7	13	15	84	252	257	102	128	26 908	33 970	—
10 to 14 percent	779	—	37	147	114	265	147	57	12	—	16 556	17 201	—
15 to 19 percent	454	—	193	120	61	73	7	—	—	—	10 708	11 629	—
20 to 24 percent	315	20	219	36	21	19	—	—	—	—	7 736	8 449	5
25 to 29 percent	223	57	153	7	6	—	—	—	—	—	6 117	6 255	13
30 to 34 percent	126	15	87	7	4	—	—	—	—	—	6 690	8 120	—
35 percent or more	392	292	94	6	—	—	—	—	—	—	3 970	4 045	161
Not computed	8	8	—	—	—	—	—	—	—	—	2500	—	8
Median	14.6	43.8	23.6	15.3	14.2	12.6	10—	10—	10—	10—	...	...	50+

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Williamsport city

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Renter-occupied housing units	6 406	1 771	1 726	848	538	803	412	238	39	31	9 176	10 773	1 689
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	2 166	182	418	332	267	488	258	179	31	11	13 914	14 845	276	
15 to 24 years	273	15	75	56	41	61	25	—	—	—	12 076	12 352	24	
25 to 34 years	820	95	109	112	96	257	87	64	—	—	14 948	14 464	160	
35 to 44 years	254	6	20	27	42	71	54	22	12	—	17 926	18 108	24	
45 to 64 years	514	55	64	107	31	68	80	93	5	11	15 000	17 103	62	
65 years and over	305	11	150	30	57	31	12	—	14	—	9 668	11 577	6	
Male householder, no wife present	1 248	373	334	192	112	176	32	15	8	6	8 242	9 996	342	
15 to 24 years	402	140	119	59	31	38	—	7	—	—	6 837	8 655	148	
25 to 34 years	314	53	81	85	43	41	11	—	—	—	10 676	10 461	42	
35 to 44 years	123	6	26	23	23	39	—	—	—	6	13 207	18 458	19	
45 to 64 years	220	65	63	21	15	39	9	8	—	—	8 043	9 879	48	
65 years and over	189	109	45	4	—	19	12	—	—	—	4 583	6 702	85	
Female householder, no husband present	2 992	1 216	974	324	159	139	122	44	—	14	6 563	8 151	1 071	
15 to 24 years	523	187	200	76	11	12	28	9	—	—	7 328	7 865	191	
25 to 34 years	701	210	242	102	65	26	41	15	—	—	8 574	9 124	268	
35 to 44 years	342	106	108	44	41	23	4	16	—	—	7 806	9 435	122	
45 to 64 years	594	199	205	66	18	72	30	4	—	—	7 311	8 519	208	
65 years and over	832	514	219	36	24	6	19	—	—	14	4 448	6 720	282	
Median age	37.1	52.5	36.9	31.8	33.4	33.9	37.6	39.8	44.8	53.5	...	...	35.6	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	2 331	751	611	365	179	246	118	40	15	6	8 534	9 713	752	
1975 to 1978	2 277	555	596	327	204	306	159	111	5	14	9 898	11 377	562	
1970 to 1974	788	213	226	99	79	89	72	10	—	—	9 078	10 184	184	
1960 to 1969	506	131	133	31	42	74	26	51	12	6	9 542	12 817	113	
1959 or earlier	504	121	160	26	34	88	37	26	7	5	8 949	11 820	78	
PLUMBING FACILITIES BY PERSONS PER ROOM														
Complete plumbing for exclusive use	6 016	1 581	1 624	810	528	777	398	228	39	31	9 420	11 014	1 518	
0.50 or less	3 684	1 032	1 104	452	298	407	248	91	32	20	8 803	10 433	719	
0.51 to 1.00	2 187	514	481	334	213	360	145	127	7	6	10 737	11 938	702	
1.01 to 1.50	107	25	26	19	12	10	5	5	—	5	10 329	12 649	74	
1.51 or more	38	10	13	5	5	—	—	5	—	—	6 731	9 552	23	
Lacking complete plumbing for exclusive use	390	190	102	38	10	26	14	10	—	—	5 212	7 066	171	
0.50 or less	157	57	70	14	—	16	—	—	—	—	6 222	6 659	53	
0.51 to 1.00	222	133	29	24	10	10	6	10	—	—	4 257	6 825	110	
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—	
1.51 or more	11	—	3	—	—	8	—	—	—	—	20 781	17 730	8	
SELECTED CHARACTERISTICS														
Heating equipment	6 402	1 771	1 726	844	538	803	412	238	39	31	9 170	10 773	1 689	
Central heating system	5 889	1 630	1 594	787	509	708	360	231	39	31	9 139	10 802	1 520	
Air conditioning	1 361	349	283	189	127	197	127	73	10	6	10 642	11 845	254	
Central system	222	74	75	25	16	29	3	—	—	—	7 841	8 428	52	
Vehicles available	4 153	535	1 039	675	454	773	387	220	39	31	11 861	13 359	676	
1	222	74	75	25	16	29	3	—	—	—	7 841	8 428	52	
2 or more	3 090	420	944	569	357	529	176	55	20	20	10 795	11 917	501	
House heating fuel	6 402	1 771	1 726	844	538	803	412	238	39	31	9 170	10 773	1 689	
Utility gas	2 150	439	615	286	194	344	150	100	22	—	10 184	11 477	514	
Bottled, tank, or LP gas	64	29	16	—	19	—	—	—	—	—	7 969	8 347	21	
Electricity	711	345	187	82	55	15	27	—	—	—	5 285	7 025	222	
Fuel oil, kerosene, etc.	2 982	784	790	406	259	379	213	116	10	25	9 499	11 110	761	
Other	495	174	118	70	30	46	22	22	7	6	8 114	11 384	171	
Median rooms	4.4	3.3	4.1	4.4	5.4	5.5	5.8	6.0	5.4	5.3	...	...	3.8	
Specified renter-occupied housing units	6 303	1 730	1 693	835	532	793	412	238	39	31	9 229	10 827	1 650	
CONTRACT RENT														
Less than \$100	1 297	614	311	132	60	100	45	30	5	—	5 564	7 952	550	
\$100 to \$149	1 773	557	575	222	115	154	86	50	14	—	8 064	9 413	541	
\$150 to \$199	2 037	377	559	276	203	349	161	92	20	—	10 747	11 730	399	
\$200 to \$249	793	109	173	155	108	129	73	27	—	19	11 847	13 689	118	
\$250 to \$299	202	15	33	35	34	52	19	14	—	—	13 824	14 393	3	
\$300 to \$349	27	8	6	—	3	6	4	—	—	—	7 292	12 640	8	
\$350 to \$399	21	10	—	—	—	6	5	—	—	—	20 208	13 792	10	
\$400 to \$449	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$500 or more	12	—	—	—	—	6	—	—	6	—	50 000	81 088	—	
No cash rent	141	40	36	15	12	6	10	16	—	6	9 427	14 033	21	
Median	\$150	\$121	\$143	\$158	\$168	\$163	\$168	\$166	\$161	\$238	...	...	\$122	
GROSS RENT														
Less than \$100	640	410	159	47	10	14	—	—	—	—	4 320	5 230	320	
\$100 to \$149	1 005	474	355	50	36	53	11	21	5	—	5 417	7 047	445	
\$150 to \$199	1 509	393	469	234	116	206	55	28	8	—	8 942	9 740	358	
\$200 to \$249	1 514	217	401	287	164	211	141	74	19	—	11 211	12 255	252	
\$250 to \$299	900	111	195	133	97	169	101	68	7	19	12 784	14 911	132	
\$300 to \$349	378	66	37	51	66	100	58	—	—	—	13 826	13 331	70	
\$350 to \$399	143	9	35	12	25	22	18	22	—	—	14 050	15 638	42	
\$400 to \$449	61	10	6	6	6	12	12	9	—	—	15 521	14 966	10	
\$500 or more	12	—	—	—	—	—	6	—	6	50 000	81 088	—		
No cash rent	141	40	36	15	12	6	10	16	—	6	9 427	14 033	21	
Median	\$198	\$146	\$185	\$212	\$228	\$224	\$248	\$243	\$223	\$266	...	...	\$155	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
Less than 15 percent	1 126	25	97	74	77	326	267	196	39	25	19 396	21 123	63	
15 to 19 percent	894	27	214	157	159	230	90	17	—	—	13 270	13 608	62	
20 to 24 percent	1 043	162	252	213	166	208	33	9	—	—	11 262	11 113	137	
25 to 29 percent	758	100	273	276	86	11	12	—	—	—	10 054	9 566	94	
30 to 34 percent	401	68	235	67	26	5	—	—	—	—	7 583	8 010	82	
35 to 49 percent	763	283	434	33	6	7	—	—	—	—	5 861	6 070	259	
50 percent or more	1 113	961	152	—	—	—	—	—	—	—	3 372	3 258	868	
Not computed	205	104												

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Williamsport city

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	2 287	199	292	430	410	325	303	164	118	46	327
PERSONS IN UNIT											
1 person -----	159	48	20	24	15	25	8	11	-	8	274
2 persons -----	435	32	95	116	51	84	25	13	19	-	289
3 persons -----	502	60	41	123	83	66	89	28	8	4	316
4 persons -----	556	23	70	85	122	79	82	51	34	10	341
5 persons -----	343	8	50	58	85	27	44	15	32	24	333
6 persons -----	172	19	4	18	26	26	18	36	25	-	387
7 persons -----	113	9	5	6	28	18	37	10	-	-	374
8 or more persons -----	7	-	7	-	-	-	-	-	-	-	225
Median -----	3.59	2.82	3.26	3.11	3.96	3.31	3.86	4.09	4.44	4.54	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	1 846	123	241	360	341	232	268	130	118	33	329
15 to 24 years -----	44	14	8	5	11	6	-	-	-	-	250
25 to 34 years -----	534	4	50	108	132	119	79	28	14	-	340
35 to 44 years -----	466	57	23	59	90	44	65	59	36	33	355
45 to 64 years -----	736	41	131	174	108	69	102	43	68	-	310
65 years and over -----	66	7	29	14	-	-	16	-	-	-	245
Male householder, no wife present -----	135	47	17	16	25	27	3	-	-	-	261
15 to 24 years -----	6	-	-	-	-	6	-	-	-	-	375
25 to 34 years -----	51	11	9	11	10	10	-	-	-	-	275
35 to 44 years -----	13	-	8	5	-	-	-	-	-	-	241
45 to 64 years -----	57	36	-	-	7	11	3	-	-	-	190
65 years and over -----	8	-	-	-	8	-	-	-	-	-	325
Female householder, no husband present -----	306	29	34	54	44	66	32	34	-	13	341
15 to 24 years -----	-	-	-	-	-	-	-	-	-	-	-
25 to 34 years -----	52	-	8	12	7	-	25	-	-	-	343
35 to 44 years -----	76	-	5	7	23	9	7	17	-	8	367
45 to 64 years -----	131	13	8	17	14	57	-	17	-	5	362
65 years and over -----	47	16	13	18	-	-	-	-	-	-	229
Median age -----	43.1	50.2	47.9	46.0	38.2	42.1	39.1	42.8	46.0	38.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	354	18	22	18	59	79	67	23	40	28	388
1975 to 1978 -----	808	28	47	161	204	132	111	67	45	13	341
1970 to 1974 -----	450	52	58	121	54	74	66	4	16	5	298
1960 to 1969 -----	531	80	118	97	77	30	59	53	17	-	285
1959 or earlier -----	144	21	47	33	16	10	-	17	-	-	256
ROOMS											
1 to 3 rooms -----	-	-	-	-	-	-	-	-	-	-	-
4 rooms -----	59	26	5	12	16	-	-	-	-	-	235
5 rooms -----	266	45	66	91	11	23	25	-	-	5	262
6 rooms -----	971	108	164	199	222	136	100	42	-	-	303
7 rooms -----	436	9	22	92	91	92	69	22	31	8	352
8 or more rooms -----	555	11	35	36	70	74	109	100	87	33	450
Median -----	6.3	5.8	6.0	6.1	6.3	6.5	6.9	7.8	8.5+	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	21	-	-	-	-	-	11	10	-	-	496
1970 to 1974 -----	46	21	-	-	-	18	-	7	-	-	356
1960 to 1969 -----	96	-	7	27	-	9	16	26	11	-	442
1950 to 1959 -----	144	7	11	23	11	18	18	14	29	13	409
1940 to 1949 -----	209	8	21	55	27	42	19	12	16	9	338
1939 or earlier -----	1 771	163	253	325	372	238	239	95	62	24	319
VALUE											
Less than \$10,000 -----	39	20	14	5	-	-	-	-	-	-	198
\$10,000 to \$19,999 -----	362	74	68	96	55	49	10	10	-	-	270
\$20,000 to \$29,999 -----	524	68	102	128	132	38	48	8	-	-	286
\$30,000 to \$39,999 -----	672	17	85	135	171	132	90	38	4	-	329
\$40,000 to \$49,999 -----	264	20	19	33	37	71	56	20	-	8	366
\$50,000 to \$59,999 -----	141	-	4	33	4	20	37	13	20	10	456
\$60,000 to \$79,999 -----	156	-	-	-	5	15	53	39	37	7	513
\$80,000 to \$99,999 -----	48	-	-	-	6	-	9	22	11	-	541
\$100,000 to \$149,999 -----	53	-	-	-	-	-	-	8	35	10	679
\$150,000 or more -----	28	-	-	-	-	-	6	11	11	11	709
Median -----	\$33 200	\$20 400	\$25 800	\$29 200	\$31 200	\$36 000	\$41 600	\$53 000	\$73 000	\$78 600	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	666	105	135	168	71	44	53	29	40	21	278
15 to 19 percent -----	561	50	54	126	104	84	78	28	32	5	324
20 to 24 percent -----	392	15	28	33	114	84	72	28	18	-	354
25 to 29 percent -----	258	-	37	53	76	17	31	22	13	9	326
30 to 34 percent -----	91	7	7	5	5	39	9	14	5	-	378
35 percent or more -----	313	22	31	45	40	51	60	43	10	11	368
Not computed -----	6	-	-	-	-	6	-	-	-	-	375
Median -----	19.2	14.5	16.0	16.9	21.3	21.9	21.4	24.5	18.0	17.0	...
SELECTED CHARACTERISTICS											
Heating equipment -----	2 287	199	292	430	410	325	303	164	118	46	327
Steam or hot water system -----	2 717	69	74	113	105	101	89	63	72	31	349
Central warm-air furnace or electric heat pump -----	1 375	100	190	289	281	190	180	95	35	15	319
Other built-in electric units -----	65	7	7	5	-	13	22	-	11	-	404
Floor, wall, or pipeless furnace -----	17	7	-	4	-	-	-	6	-	-	269
Other means -----	113	16	21	19	24	21	12	-	-	-	301
Air conditioning -----	946	50	110	131	132	156	146	99	94	28	366
Central system -----	93	4	11	-	-	10	25	16	10	17	471
1 or more individual room units -----	853	46	99	131	132	146	121	83	84	11	356
House heating fuel -----	2 287	199	292	430	410	325	303	164	118	46	327
Utility gas -----	923	85	150	187	166	156	98	71	10	-	312
Bottled, tank, or LP gas -----	-	-	-	-	-	-	-	-	-	-	-
Electricity -----	100	15	7	5	-	13	22	22	11	5	463
Fuel oil, kerosene, etc. -----	1 106	63	94	209	230	138	178	67	86	41	341
Other -----	158	36	41	29	14	18	5	4	11	-	253

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Williamsport city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	3 155	-	37	174	598	637	1 083	346	280	156
PERSONS IN UNIT										
1 person -----	932	-	32	125	175	168	300	73	59	145
2 persons -----	1 441	-	5	37	315	304	490	167	123	156
3 persons -----	421	-	-	6	73	108	140	48	46	158
4 persons -----	219	-	-	-	29	46	96	21	27	168
5 persons -----	89	-	-	6	6	4	35	17	21	191
6 persons -----	37	-	-	-	-	7	17	9	4	184
7 persons -----	5	-	-	-	-	-	5	-	-	175
8 or more persons -----	11	-	-	-	-	-	-	11	-	225
Median -----	1.95	-	1.08	1.20	1.89	2.00	1.99	2.10	2.16	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	1 772	-	5	49	340	402	604	193	179	157
15 to 24 years -----	8	-	-	-	8	-	-	-	-	113
25 to 34 years -----	22	-	-	-	-	4	12	9	7	200
35 to 44 years -----	78	-	-	6	6	12	26	28	-	179
45 to 64 years -----	773	-	5	26	107	191	290	71	83	160
65 years and over -----	881	-	-	17	219	195	276	85	89	152
Male householder, no wife present -----	335	-	5	17	61	50	128	38	36	163
15 to 24 years -----	-	-	-	-	-	-	-	-	-	-
25 to 34 years -----	10	-	-	-	-	4	6	-	-	158
35 to 44 years -----	30	-	-	-	-	8	22	-	-	166
45 to 64 years -----	130	-	-	7	18	16	50	23	16	174
65 years and over -----	165	-	5	10	43	22	50	15	20	152
Female householder, no husband present -----	1 048	-	27	108	197	185	351	115	65	151
15 to 24 years -----	-	-	-	-	-	-	-	-	-	-
25 to 34 years -----	25	-	-	7	5	7	-	-	6	127
35 to 44 years -----	55	-	8	8	-	6	25	8	-	161
45 to 64 years -----	210	-	-	13	48	46	66	37	-	149
65 years and over -----	758	-	19	80	144	126	260	70	59	152
Median age -----	66.8	-	67.3	69.0	69.3	66.0	65.9	64.5	67.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	58	-	-	-	-	14	26	9	9	179
1975 to 1978 -----	151	-	6	13	24	24	64	20	-	157
1970 to 1974 -----	230	-	-	18	50	38	77	34	13	156
1960 to 1969 -----	656	-	11	35	100	100	232	83	95	168
1959 or earlier -----	2 060	-	20	108	424	461	684	200	163	151
ROOMS										
1 to 3 rooms -----	32	-	6	12	-	-	-	-	14	96
4 rooms -----	155	-	-	41	55	35	20	-	4	117
5 rooms -----	479	-	-	30	160	77	157	49	6	141
6 rooms -----	1 449	-	19	72	250	364	531	156	57	152
7 rooms -----	576	-	7	6	96	98	250	79	40	166
8 or more rooms -----	464	-	5	13	37	63	125	62	159	196
Median -----	6.1	-	6.2	5.6	5.8	6.1	6.2	6.3	7.9	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	15	-	-	-	-	7	-	8	-	203
1970 to 1974 -----	-	-	-	-	-	-	-	-	-	-
1960 to 1969 -----	85	-	-	-	8	6	12	20	39	241
1950 to 1959 -----	292	-	5	5	16	57	121	59	29	176
1940 to 1949 -----	208	-	-	9	18	62	73	26	20	160
1939 or earlier -----	2 555	-	32	160	556	505	877	233	192	151
VALUE										
Less than \$10,000 -----	91	-	8	15	36	5	13	14	-	116
\$10,000 to \$19,999 -----	582	-	11	100	192	105	145	29	-	123
\$20,000 to \$29,999 -----	956	-	11	33	239	210	353	82	28	148
\$30,000 to \$39,999 -----	608	-	7	15	70	198	248	37	33	153
\$40,000 to \$49,999 -----	446	-	-	11	33	94	194	79	35	172
\$50,000 to \$59,999 -----	193	-	-	-	28	19	91	32	23	177
\$60,000 to \$79,999 -----	164	-	-	-	-	6	33	65	60	233
\$80,000 to \$99,999 -----	55	-	-	-	-	-	-	8	47	250+
\$100,000 to \$149,999 -----	60	-	-	-	-	-	6	-	54	250+
\$150,000 or more -----	-	-	-	-	-	-	-	-	-	-
Median -----	\$29 300	-	\$14 800	\$15 200	\$21 800	\$29 900	\$31 200	\$41 100	\$68 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	858	-	23	27	149	204	285	74	96	155
10 to 14 percent -----	779	-	8	32	147	125	292	118	57	163
15 to 19 percent -----	454	-	-	-	96	119	166	34	39	154
20 to 24 percent -----	315	-	6	28	76	66	90	30	19	143
25 to 29 percent -----	223	-	-	32	53	52	73	7	6	138
30 to 34 percent -----	126	-	-	9	6	29	42	8	32	173
35 percent or more -----	392	-	-	38	71	42	135	75	31	167
Not computed -----	8	-	-	8	-	-	-	-	-	88
Median -----	14.6	-	10	24.3	15.2	14.6	14.4	14.2	13.9	...
SELECTED CHARACTERISTICS										
Heating equipment -----	3 155	-	37	174	598	637	1 083	346	280	156
Steam or hot water system -----	1 053	-	5	18	106	231	418	113	162	170
Central warm-air furnace or electric heat pump -----	1 896	-	25	112	442	356	637	218	106	151
Other built-in electric units -----	73	-	-	26	12	-	20	15	-	122
Floor, wall, or pipeless furnace -----	38	-	-	-	9	22	-	-	7	136
Other means -----	95	-	7	18	29	28	8	-	5	119
Air conditioning -----	1 104	-	13	32	144	204	388	153	170	170
Central system -----	148	-	-	-	-	-	53	40	55	226
1 or more individual room units -----	956	-	13	32	144	204	335	113	115	163
House heating fuel -----	3 155	-	37	174	598	637	1 083	346	280	156
Utility gas -----	1 164	-	30	77	267	277	408	61	44	144
Bottled, tank, or LP gas -----	6	-	-	-	6	-	-	-	-	113
Electricity -----	98	-	-	26	12	-	26	21	13	171
Fuel oil, kerosene, etc. -----	1 699	-	7	63	253	297	620	241	218	169
Other -----	188	-	-	6	60	63	29	23	5	135

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Williamsport city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
	6 148	43	49	200	889	4 967	6 406	281	410	212	1 106	4 397
Occupied housing units												
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 999	23	8	171	602	3 195	2 166	36	151	70	358	1 551
15 to 24 years	61	—	—	—	5	56	273	5	32	9	65	162
25 to 34 years	631	16	5	—	124	486	820	15	47	15	180	563
35 to 44 years	568	—	—	20	84	464	254	6	22	—	23	203
45 to 64 years	1 680	7	—	109	234	1 330	514	—	15	12	68	419
65 years and over	1 059	—	3	42	155	859	305	10	35	34	22	204
Male householder, no wife present	586	—	21	—	85	480	1 248	—	40	18	266	924
15 to 24 years	15	—	—	—	6	9	402	—	6	9	136	251
25 to 34 years	82	—	—	—	4	78	314	—	3	—	71	240
35 to 44 years	66	—	—	—	10	56	123	—	15	—	40	68
45 to 64 years	222	—	21	—	22	179	220	—	10	3	9	198
65 years and over	201	—	—	—	43	158	189	—	6	6	10	167
Female householder, no husband present	1 563	20	20	29	202	1 292	2 992	245	219	124	482	1 922
15 to 24 years	—	—	—	—	—	—	523	20	18	—	143	342
25 to 34 years	97	12	—	—	14	71	701	33	59	33	167	409
35 to 44 years	134	8	7	7	4	108	342	19	26	13	73	211
45 to 64 years	380	—	13	15	45	307	594	34	50	20	56	434
65 years and over	952	—	—	7	139	806	832	139	66	58	43	526
Median age	57.7	33.5	53.0	54.6	58.6	58.1	37.1	66.4	39.1	58.9	28.7	39.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	448	15	8	31	61	333	2 331	114	125	60	550	1 482
1975 to 1978	1 076	28	7	11	214	816	2 277	167	161	76	377	1 496
1970 to 1974	759	—	34	3	93	629	788	—	124	57	87	520
1960 to 1969	1 367	—	—	155	168	1 044	506	—	—	19	74	413
1959 or earlier	2 498	—	—	—	353	2 145	504	—	—	—	18	486
ROOMS												
1 room	5	—	—	—	—	5	385	22	24	21	38	280
2 rooms	4	—	—	—	—	4	458	71	46	19	38	284
3 rooms	55	—	—	—	5	50	1 295	95	83	69	229	819
4 rooms	320	10	3	—	74	233	1 175	28	75	56	287	729
5 rooms	872	4	—	42	156	670	1 070	48	113	44	233	632
6 rooms	2 718	—	26	67	353	2 272	1 512	17	58	—	198	1 239
7 or more rooms	2 174	29	20	91	301	1 733	511	—	11	3	83	414
Median	6.2	7.4	6.3	6.4	6.1	6.2	4.4	3.0	4.2	3.5	4.4	4.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	6 129	43	49	200	889	4 948	6 016	264	397	206	1 046	4 103
0.50 or less	4 506	33	49	149	706	3 569	3 684	204	177	119	538	2 646
0.51 to 1.00	1 568	10	—	51	183	1 324	2 187	60	191	87	467	1 382
1.01 to 1.50	51	—	—	—	—	51	107	—	29	—	32	46
1.51 or more	4	—	—	—	—	4	38	—	—	—	9	29
Locking complete plumbing for exclusive use	19	—	—	—	—	19	390	17	13	6	60	294
0.50 or less	19	—	—	—	—	19	157	—	—	—	28	129
0.51 to 1.00	—	—	—	—	—	—	222	17	13	6	32	154
1.01 to 1.50	—	—	—	—	—	—	11	—	—	—	—	11
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	1 295	—	21	16	181	1 077	2 454	190	129	98	337	1 700
2 persons	2 117	12	15	95	339	1 656	1 602	39	102	83	243	1 135
3 persons	1 030	21	13	15	163	818	972	42	67	17	235	611
4 persons	866	10	—	37	92	727	733	—	45	11	164	513
5 persons	475	—	—	19	52	404	401	10	35	3	65	288
6 or more persons	365	—	—	18	62	285	244	—	32	—	62	150
Median	2.34	2.95	1.73	2.38	2.28	2.35	1.97	1.24	2.25	1.60	2.39	1.94
Total persons	17 268	131	74	603	2 311	14 149	14 783	414	1 037	345	2 877	10 110
UNITS IN STRUCTURE												
1, detached or ottoched	5 586	43	49	188	864	4 442	1 627	20	105	15	340	1 147
2	415	—	—	3	23	389	1 530	6	30	9	250	1 235
3 and 4	95	—	—	9	2	84	1 175	19	62	18	240	836
5 to 9	27	—	—	—	—	27	999	6	19	30	205	739
10 to 49	25	—	—	—	—	25	568	82	78	45	56	307
50 or more	—	—	—	—	—	—	507	148	116	95	15	133
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS												
Heating equipment	6 148	43	49	200	889	4 967	6 402	281	410	212	1 106	4 393
Steam or hot water system	2 075	—	26	91	261	1 697	2 622	20	4	55	403	2 140
Central warm-air furnace or electric heat pump	3 626	19	10	62	605	2 930	2 665	150	197	50	443	1 825
Other built-in electric units	145	17	13	41	11	63	487	101	188	96	35	67
Floor, wall, or pipeless furnace	76	—	—	6	—	70	115	10	7	5	39	54
Other means	226	7	—	—	12	207	513	—	14	6	186	307
Air conditioning	2 336	30	23	109	454	1 720	1 361	230	100	77	172	782
Control system	266	17	3	32	113	101	222	114	48	12	11	37
1 or more individual room units	2 070	13	20	77	341	1 619	1 139	116	52	65	161	745
House heating fuel	6 148	43	49	200	889	4 967	6 402	281	410	212	1 106	4 393
Utility gas	2 343	—	5	92	177	2 069	2 150	17	174	56	303	1 600
Bottled, tank, or LP gas	6	—	—	—	6	64	—	—	—	6	58	67
Electricity	212	31	23	65	22	71	711	222	229	124	69	579
Fuel oil, kerosene, etc.	3 196	12	21	43	645	2 475	2 982	35	7	19	149	326
Other	391	—	—	—	45	346	495	7	—	13	5	34
Income in 1979 below poverty level	366	7	5	8	52	294	1 689	106	162	44	345	1 032
Percent below poverty level	6.0	16.3	10.2	4.0	5.8	5.9	26.4	37.7	39.5	20.8	31.2	23.5
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	557	—	5	15	65	472	1 771	192	154	77	308	1 040
\$5,000 to \$9,999	1 140	12	—	36	127	965	1 726	57	104	45	225	1 295
\$10,000 to \$12,499	526	—	21	10	46	449	848	12	52	48	230	506
\$12,500 to \$14,999	459	—	5	—	54	400	538	10	50	—	113	365
\$15,000 to \$19,999	1 009	3	3	13	182	808	803	10	41	27	123	602
\$20,000 to \$24,999	923	6	7	27	150	733	412	—	9	15	55	333
\$25,000 to \$34,999	901	22	8	42	150	679	238	—	—	—	47	191
\$35,000 to \$49,999	346	—	—	15	46	285	39	—	—	—	5	34
\$50,000 or more	287	—	—	42	69	176	31	—	—	—	—	31
Median	\$17 094	\$25 156	\$12 321	\$22 407	\$19 317	\$16 253	\$9 176	\$4 190	\$7 634	\$8 400	\$10 217	\$9 499
Mean	\$20 037	\$21 904	\$15 306	\$31 215	\$22 785	\$19 125	\$10 773	\$5 208	\$8 502	\$9 206	\$10 488	\$11 488

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8)

Williamsport city

	Owner-occupied housing units				Renter-occupied housing units							Mobile home or trailer, etc.
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	
Occupied housing units	6 148	5 586	562	—	6 406	1 627	1 530	1 175	999	568	507	—
Condominium housing units	—	—	—	—	36	27	—	—	—	—	9	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 999	3 702	297	—	2 166	820	759	284	174	51	78	—
15 to 24 years	61	52	9	—	273	91	61	53	34	25	9	—
25 to 34 years	631	577	54	—	820	345	289	102	62	13	9	—
35 to 44 years	568	544	24	—	254	99	108	41	6	—	—	—
45 to 64 years	1 680	1 559	121	—	514	217	181	58	37	6	15	—
65 years and over	1 059	970	89	—	305	68	120	30	35	7	45	—
Male householder, no wife present	586	509	77	—	1 248	207	199	349	262	142	89	—
15 to 24 years	15	6	9	—	402	39	81	111	69	68	34	—
25 to 34 years	82	64	18	—	314	33	56	91	108	21	5	—
35 to 44 years	66	49	17	—	123	37	18	39	13	9	7	—
45 to 64 years	222	209	13	—	220	36	34	64	43	26	17	—
65 years and over	201	181	20	—	189	62	10	44	29	18	26	—
Female householder, no husband present	1 563	1 375	188	—	2 992	600	572	542	563	375	340	—
15 to 24 years	—	—	—	—	523	90	74	123	113	93	30	—
25 to 34 years	97	81	16	—	701	179	172	112	125	76	37	—
35 to 44 years	134	131	3	—	342	107	62	33	44	60	36	—
45 to 64 years	380	346	34	—	594	114	134	138	94	59	55	—
65 years and over	952	817	135	—	832	110	130	136	187	87	182	—
Median age	57.7	57.4	61.1	—	37.1	36.3	36.5	34.7	34.6	34.1	64.9	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	448	418	30	—	2 331	498	485	473	464	264	147	—
1975 to 1978	1 076	984	92	—	2 277	576	562	425	272	180	262	—
1970 to 1974	759	694	65	—	788	222	146	140	113	73	94	—
1960 to 1969	1 367	1 219	148	—	506	146	172	47	104	33	4	—
1959 or earlier	2 498	2 271	227	—	504	185	165	90	46	18	—	—
ROOMS												
1 room	5	—	5	—	385	—	4	51	82	108	140	—
2 rooms	4	—	4	—	458	8	14	80	154	69	133	—
3 rooms	55	32	23	—	1 295	104	149	367	319	191	165	—
4 rooms	320	231	89	—	1 175	232	330	329	163	103	18	—
5 rooms	872	771	101	—	1 070	289	267	192	204	74	44	—
6 rooms	2 718	2 479	239	—	1 512	678	621	118	65	23	7	—
7 or more rooms	2 174	2 073	101	—	511	316	145	38	12	—	—	—
Median	6.2	6.2	5.7	—	4.4	5.8	5.5	3.8	3.3	3.1	2.4	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	6 129	5 567	562	—	6 016	1 599	1 484	1 138	889	469	437	—
0.50 or less	4 506	4 065	441	—	3 684	824	966	760	571	292	271	—
0.51 to 1.00	1 568	1 447	121	—	2 187	727	484	351	294	170	161	—
1.01 to 1.50	51	51	—	—	107	48	25	22	5	7	—	—
1.51 or more	4	4	—	—	38	—	9	5	19	—	5	—
Lacking complete plumbing for exclusive use	19	19	—	—	390	28	46	37	110	99	70	—
0.50 or less	19	19	—	—	157	28	21	22	59	27	—	—
0.51 to 1.00	—	—	—	—	222	—	25	15	48	64	70	—
1.01 to 1.50	—	—	—	—	11	—	—	—	3	8	—	—
BEDROOMS												
None	5	—	5	—	447	6	8	72	102	114	145	—
1	190	88	102	—	2 138	131	297	660	519	253	278	—
2	1 039	913	126	—	1 684	417	479	314	262	152	60	—
3	3 552	3 287	265	—	1 803	846	677	105	109	42	24	—
4	1 108	1 066	42	—	268	180	59	18	4	7	—	—
5 or more	254	232	22	—	66	47	10	6	3	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	557	480	77	—	1 771	327	236	338	393	206	271	—
\$5,000 to \$9,999	1 400	998	142	—	1 726	348	375	345	299	218	141	—
\$10,000 to \$12,499	526	486	40	—	848	241	184	164	166	47	46	—
\$12,500 to \$14,999	459	436	23	—	538	183	158	61	76	45	15	—
\$15,000 to \$19,999	1 009	919	90	—	803	272	260	179	42	31	19	—
\$20,000 to \$24,999	923	849	74	—	412	123	189	56	8	21	15	—
\$25,000 to \$34,999	901	824	77	—	238	102	89	32	15	—	—	—
\$35,000 to \$49,999	346	323	23	—	39	19	20	—	—	—	—	—
\$50,000 or more	287	271	16	—	31	12	19	—	—	—	—	—
Median	\$17 094	\$17 259	\$14 891	—	\$9 176	\$11 437	\$12 092	\$8 800	\$6 849	\$6 789	\$4 797	—
Mean	\$20 037	\$20 303	\$17 389	—	\$10 773	\$12 972	\$13 792	\$9 931	\$7 626	\$7 561	\$6 361	—
SELECTED CHARACTERISTICS												
Heating equipment	6 148	5 586	562	—	6 402	1 623	1 530	1 175	999	568	507	—
Steam or hot water system	2 075	1 834	241	—	2 622	372	532	610	647	321	140	—
Central warm-air furnace or electric heat pump	3 626	3 346	280	—	2 665	989	788	375	211	146	156	—
Other built-in electric units	145	141	4	—	487	25	51	62	37	101	211	—
Floor, wall, or pipeless furnace	76	57	19	—	115	51	29	18	17	—	—	—
Other means	226	208	18	—	513	186	130	110	87	—	—	—
Air conditioning	2 336	2 124	212	—	1 361	295	277	286	179	124	200	—
Control system	266	254	12	—	222	59	6	27	22	23	85	—
Vehicles available	5 372	4 929	443	—	4 153	1 290	1 188	703	489	305	178	—
1	2 851	2 628	223	—	3 090	880	844	556	396	263	151	—
2 or more	2 521	2 301	220	—	1 063	410	344	147	93	42	27	—
House heating fuel	6 148	5 586	562	—	6 402	1 623	1 530	1 175	999	568	507	—
Utility gas	2 343	2 131	212	—	2 150	636	579	434	287	180	34	—
Bottled, tank, or LP gas	6	6	—	—	64	20	—	14	27	3	—	—
Electricity	212	208	4	—	711	35	65	70	47	156	338	—
Fuel oil, kerosene, etc.	3 196	2 893	303	—	2 982	733	773	591	535	215	135	—
Other	391	348	43	—	495	199	113	66	103	14	—	—
Water heating fuel	6 148	5 586	562	—	6 338	1 619	1 530	1 175	999	552	466	—
Utility gas	2 800	2 522	278	—	2 955	945	811	554	426	167	52	—
Bottled, tank, or LP gas	86	73	13	—	82	—	—	40	19	23	—	—
Electricity	212	208	4	—	711	35	65	70	47	156	338	—
Fuel oil, kerosene, etc.	3 196	2 893	303	—	2 982	733	773	591	535	215	135	—
Other	391	348	43	—	495	199	113	66	103	14	—	—
Family householder	4 720	4 375	345	—	3 484	1 295	1 052	498	349	164	126	—
With own children under 18 years	1 895	1 771	124	—	2 154	893	679	263	183	102	34	—
With own children under 6 years	689	639	50	—	1 151	449	313	193	110	59	27	—
Female householder, no husband present	543	510	33	—	1 153	413	250	166	163	113	48	—
With own children under 18 years	146	148	6	—	822	317	183	108	109	80	25	—
With own children under 6 years	8	8	—	—	388	146	64	54	65	41	18	—
Nonfamily householder	1 428	1 211	217	—	2 922	332	478	677	650	404	381	—
Income in 1979 below poverty level	366	318	48	—	1 689	445	281	297	327	173	166	—
Percent below poverty level	6.0	5.7	8.5	—	26.4	27.4	18.4	25.3	32.7	30.5	32.7	—

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Williamsport city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	6 148	1 295	2 117	1 030	866	475	222	125	18	2.34	17 268
Nonrelatives present	264	—	103	64	15	39	29	14	—	2.95	1 086
ROOMS											
1 to 3 rooms	64	42	18	—	—	—	4	—	—	1.26	124
4 rooms	320	136	118	54	4	8	—	—	—	1.70	746
5 rooms	872	227	425	121	65	19	15	—	—	1.99	1 977
6 rooms	2 718	561	930	492	443	204	67	21	—	2.36	7 267
7 rooms	1 063	141	347	226	199	61	50	32	7	2.69	3 205
8 or more rooms	1 111	188	279	137	155	183	86	72	11	3.15	3 949
Median	6.2	5.9	6.0	6.2	6.3	6.6	7.0	7.7	7.9	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	6 129	1 276	2 117	1 030	866	475	222	125	18	2.34	17 248
1.00 or less	6 074	1 276	2 117	1 030	866	467	203	104	11	2.33	16 920
1.01 to 1.50	51	—	—	—	—	8	15	21	7	6.62	297
1.51 or more	4	—	—	—	—	—	—	—	—	6.00	31
Locking complete plumbing for exclusive use	19	19	—	—	—	—	—	—	—	1.00	20
1.00 or less	19	19	—	—	—	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	5 586	1 117	1 939	946	792	447	209	118	18	2.36	14 824
2 or more	562	178	178	84	74	28	13	7	—	2.08	2 444
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—
VALUE											
Specified owner-occupied housing units	5 442	1 091	1 876	923	775	432	209	118	18	2.37	14 140
Less than \$10,000	130	21	46	19	9	26	9	—	—	2.46	462
\$10,000 to \$19,999	944	250	325	135	118	54	30	32	—	2.18	2 214
\$20,000 to \$29,999	1 480	317	527	254	206	124	31	16	5	2.30	3 433
\$30,000 to \$39,999	1 280	234	352	276	217	94	49	51	7	2.70	3 482
\$40,000 to \$49,999	710	192	235	104	109	36	25	9	—	2.19	1 713
\$50,000 to \$59,999	334	39	132	52	51	13	31	10	6	2.47	1 203
\$60,000 to \$79,999	320	13	163	56	38	28	22	—	—	2.40	1 019
\$80,000 to \$99,999	103	19	45	3	16	14	6	—	—	2.22	312
\$100,000 to \$149,999	113	6	51	24	11	21	—	—	—	2.49	214
\$150,000 or more	28	—	—	—	22	6	—	—	—	5.14	88
Median	\$31 200	\$28 400	\$31 000	\$32 000	\$32 000	\$31 400	\$35 700	\$32 900	\$32 900	—	—
SELECTED CHARACTERISTICS											
All income levels in 1979	6 148	1 295	2 117	1 030	866	475	222	125	18	2.34	17 268
Median income	\$17 094	\$7 080	\$15 080	\$21 992	\$23 138	\$22 883	\$24 318	\$30 167	\$32 857	—	—
Median selected monthly owner costs as percentage of household income	17.0	26.6	15.1	14.6	15.9	17.0	16.5	16.4	10—	—	—
With a mortgage	19.2	26.9	18.4	19.2	19.5	18.9	20.2	16.9	10—	—	—
Not mortgaged	14.6	26.6	14.1	10—	10—	10—	11.1	10—	10—	—	—
Income in 1979 below poverty level	366	172	90	31	16	22	30	—	5	1.62	—
Median income	\$3 784	\$2 952	\$3 684	\$4 453	\$6 429	\$6 250	\$8 438	—	\$11 250	—	—
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	—	22.5	—
With a mortgage	50+	50+	50.0	50+	50+	50+	50+	50+	—	22.5	—
Not mortgaged	50+	49.8	50+	—	—	—	—	—	—	—	—
Renter-occupied housing units	6 406	2 454	1 602	972	733	401	143	52	49	1.97	14 783
Nonrelatives present	678	—	339	138	55	89	26	24	7	2.50	2 029
ROOMS											
1 room	385	373	7	5	—	—	—	—	—	1.02	378
2 rooms	458	384	62	4	—	8	—	—	—	1.10	536
3 rooms	1 295	883	294	98	—	20	—	—	—	1.23	1 862
4 rooms	1 175	362	472	192	120	26	3	—	—	1.98	2 452
5 rooms	1 070	223	376	222	132	71	14	23	9	2.33	2 786
6 rooms	1 512	196	300	359	315	244	79	19	—	3.22	4 758
7 or more rooms	511	33	91	92	166	32	47	10	40	3.74	2 011
Median	4.4	3.0	4.4	5.3	5.9	5.8	6.2	5.7	7.4	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	6 016	2 172	1 524	961	722	393	143	52	49	2.05	14 243
1.00 or less	5 871	2 172	1 520	952	722	347	126	10	22	2.00	13 359
1.01 to 1.50	107	—	—	4	—	26	17	42	18	6.65	658
1.51 or more	38	—	—	5	—	20	—	—	9	5.00	226
Locking complete plumbing for exclusive use	390	282	78	11	11	8	—	—	—	1.19	540
1.00 or less	379	282	75	11	11	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	1.17	514
1.51 or more	11	—	3	—	—	8	—	—	—	4.81	26
UNITS IN STRUCTURE											
1, detached or attached	1 627	241	371	390	289	212	61	34	29	3.02	5 126
2	1 530	363	458	278	238	129	59	5	—	2.38	3 974
3 and 4	1 175	579	339	99	94	24	23	6	11	1.53	2 285
5 to 9	999	550	234	100	88	18	—	—	9	1.41	1 870
10 to 49	568	351	101	67	24	18	—	7	—	1.31	920
50 or more	507	370	99	38	—	—	—	—	—	1.19	608
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT											
Specified renter-occupied housing units	6 303	2 422	1 585	963	708	387	137	52	49	1.96	14 475
Less than \$100	640	480	68	51	8	14	19	—	—	1.17	890
\$100 to \$149	519	237	102	68	41	15	7	16	14	1.47	2 026
\$150 to \$199	1 509	737	428	165	102	48	18	—	11	1.54	2 837
\$200 to \$249	1 514	426	417	316	225	78	30	11	11	2.29	3 749
\$250 to \$299	900	145	285	200	140	89	32	5	4	2.60	2 499
\$300 to \$349	378	37	88	69	97	72	11	4	—	3.43	1 218
\$350 to \$399	143	—	28	38	29	30	11	—	7	3.69	533
\$400 to \$499	61	22	11	—	11	4	13	—	—	2.27	207
\$500 or more	12	—	—	—	6	—	6	—	—	5.50	92
No cash rent	141	56	23	22	22	11	7	—	—	2.13	424
Median	\$198	\$161	\$205	\$225	\$238	\$254	\$252	\$172	\$198	—	—
SELECTED CHARACTERISTICS											
All income levels in 1979	6 406	2 454	1 602	972	733	401	143	52	49	1.97	14 783
Median income	\$9 176	\$5 790	\$10 104	\$11 312	\$12 880	\$14 147	\$14 635	\$11 875	\$10 733	—	—
Median gross rent as percentage of household income	24.9	29.2	23.4	23.5	23.8	22.4	22.5	13.1	25.6	—	—
Income in 1979 below poverty level	1 689	713	270	265	206	116	45	36	38	1.99	—
Median income	\$3 599	\$2 913	\$3 625	\$3 722	\$4 174	\$5 859	\$5 859	\$10 625	\$10 341	—	—
Median gross rent as percentage of household income	50+	50+	50+	49.2	50+	42.9	50+	14.7	25.2	—	—

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

Williamsport city	Married-couple families										Male householder, no wife present										Female householder, no husband present	
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age	
Total	6 148	61	631	568	1 680	1 059	15	82	66	222	201	-	-	97	134	380	952	57.7	57.7	57.7	57.7	
Owner-occupied housing units																						
PERSONS IN UNIT																						
1 person	1 295	24	51	12	661	881	15	33	15	121	149	-	-	29	30	177	726	69.7	69.7	69.7	69.7	
2 persons	2 117	26	190	81	420	121	-	21	16	73	42	-	-	21	20	117	168	65.4	65.4	65.4	65.4	
3 persons	1 030	11	269	176	288	48	-	-	3	28	-	-	10	-	3	29	43	49	52.7	52.7	52.7	52.7
4 persons	866	-	112	145	158	5	-	-	12	-	-	-	-	-	5	10	12	12	41.7	41.7	41.7	41.7
5 persons	475	-	9	154	153	4	-	-	9	-	-	-	-	-	5	10	10	10	9	42.2	42.2	42.2
6 or more persons	365	-	3.78	4.60	2.93	2.10	1.00	1.88	3.17	1.42	1.17	-	-	14	10	12	12	9	44.1	44.1	44.1	
Median	2 334	2.75	2 448	2 854	5 752	2 230	20	238	219	371	249	-	-	243	2.78	1.61	1.61	1.61	1.61	42.2	42.2	42.2
Total persons	17 268	187	-	-	-	-	-	-	-	-	-	-	-	290	365	802	1 243	... 73.9	73.9	73.9	73.9	
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use	6 129	61	631	568	1 680	1 059	15	82	66	222	201	-	-	97	134	380	937	57.7	57.7	57.7	57.7	
1.01 or more persons per room	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.3	41.3	
Locking complete plumbing for exclusive use	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	
1.01 or more persons per room	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified owner-occupied housing units	5 442	52	534	544	1 509	947	6	61	43	187	173	-	-	77	131	341	805	57.3	57.3	57.3	57.3	
With a mortgage	2 287	44	133	161	416	66	6	51	13	57	5	-	-	52	76	131	47	43.1	43.1	43.1	43.1	
Less than 1.5 percent	666	7	163	110	150	17	-	12	8	5	21	-	-	-	-	-	-	48.1	48.1	48.1	48.1	
1.5 to 19 percent	561	5	151	103	75	14	-	19	5	15	-	-	-	7	14	33	16	41.8	41.8	41.8	41.8	
20 to 24 percent	392	14	45	56	42	14	-	10	-	-	-	-	-	15	7	-	-	37.1	37.1	37.1	37.1	
25 to 29 percent	258	7	39	49	39	22	-	10	-	-	-	-	-	5	5	27	-	34.7	34.7	34.7	34.7	
30 to 34 percent	91	-	-	-	-	-	-	-	-	-	-	-	-	3	8	-	-	33.3	33.3	33.3	33.3	
35 percent or more	313	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	46.3	46.3	46.3	46.3	
Not computed	6	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	
Median	19.2	24.0	22.4	18.3	14.1	26.1	-	18.6	-	10-	20.8	-	-	10+	30	130	165	23.6	23.6	23.6	23.6	
Net mortgaged	3	155	8	32	78	773	-	891	-	10	30	-	-	30	15	35	42	40.9	40.9	40.9	40.9	
Less than 10 percent	888	23	39	27	227	427	-	222	-	15	15	-	-	15	7	7	7	75.8	75.8	75.8	75.8	
10 to 14 percent	779	9	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	65.4	65.4	65.4	65.4	
15 to 19 percent	454	-	-	-	-	-	-	-	-	-	-	-	-	6	41	55	55	87	87	87	87	
20 to 24 percent	315	-	-	-	-	-	-	-	-	-	-	-	-	6	11	31	31	130	130	130	130	
25 to 29 percent	223	-	-	-	-	-	-	-	-	-	-	-	-	6	7	14	14	94	94	94	94	
30 to 34 percent	126	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	70.1	70.1	70.1	70.1	
35 percent or more	392	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	46	46	46	46	
No computed	8	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	37	37	37	37	
Median	14.6	10-	10-	10-	10-	10-	-	15.4	-	15.8	10.0	-	-	12.5	19.2	-	-	8	8	8	8	
Renter-occupied housing units	6 406	273	820	254	514	305	402	314	123	220	189	523	701	342	594	832	37.1	37.1	37.1	37.1	37.1	
PERSONS IN UNIT																						
1 person	2 454	-	-	-	-	-	-	-	-	-	-	-	-	232	48	164	140	246	246	246	246	
2 persons	1 602	118	163	17	140	273	82	29	48	45	45	20	180	103	103	103	372	69.0	69.0	69.0	69.0	
3 persons	972	104	194	31	278	70	112	20	16	9	9	-	21	69	154	154	57	131	131	131	131	
4 persons	733	32	10	136	67	51	-	20	5	5	5	-	-	28	97	97	99	44	44	44	44	
5 persons	401	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	36	36	36	36	
6 or more persons	244	9	49	69	69	50	-	18	5	5	5	-	-	13	13	13	12	40	40	40	40	
Median	1.97	2.68	3.69	4.63	3.23	2.06	1.37	1.11	1.78	1.17	1.17	-	-	1.59	1.59	1.59	7	4	4	4	4	
Total Persons	14 783	834	2 993	1 190	1 878	577	729	421	285	284	246	964	964	246	246	246	1.10	1.10	1.10	1.10	1.10	
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use	6 016	273	804	254	514	295	379	265	110	158	152	496	6.7	314	558	777	36.6	36.6	36.6	36.6	36.6	
1.01 or more persons per room	145	7	39	9	-	-	-	28	10	11	13	-	-	27	28	28	7	7	7	7	7	
Locking complete plumbing for exclusive use	390	-	16	-	-	-	-	23	49	-	-	-	-	3	3	3	3	31.6	31.6	31.6	31.6	
1.01 or more persons per room	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.6	48.6	48.6	48.6	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified renter-occupied housing units	6 303	261	807	250	510	305	402	314	117	220	179	507	507	342	342	342	577	827	827	827	827	
Less than 1.5 percent	1 26	45	59	142	45	33	64	78	28	43	23	46	46	72	72	72	63	33	33	33	33	
1.5 to 19 percent	894	-	1.043	51	187	52	65	49	13	25	25	55	55	53	53	53	51	107	107	107	107	
20 to 24 percent	-	-	758	39	81	30	55	63	18	46	13	5	5	32	32	32	31	137	137	137	137	
25 to 29 percent	401	30	22	11	22	11	22	11	12	18	18	8	8	11	11	11	11	116	116	116	116	
30 to 34 percent	763	33	37	7	45	33	74	38	18	22	22	3	3	14	14	14	45	66	66	66	66	
35 to 49 percent	1 113	4	86	6	43	12	102	34	12	12	12	6	6	14	14	14	45	132	132	132	132	
50 percent or more	205	-	20.5	18.1	21.9	21.9	-	-	-	-	-	-	-	27	6	11	11	83	83	83	83	
Not computed	24.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.4	24.4	24.4	24.4	
Median	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.8	33.8	33.8	33.8	

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Williamsport city

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 295	333	15	33	15	121	149	962	—	29	30	177	726
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 276	329	15	29	15	121	149	947	—	29	30	177	711
Locking complete plumbing for exclusive use	19	4	—	4	—	—	—	15	—	—	—	—	15
UNITS IN STRUCTURE													
1, detached or attached	1 117	297	6	30	15	117	129	820	—	20	30	156	614
2 or more	178	36	9	3	—	4	20	142	—	9	—	21	112
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	452	77	6	—	—	14	57	375	—	—	8	54	313
\$5,000 to \$9,999	447	82	—	7	8	14	53	365	—	—	16	76	273
\$10,000 to \$12,499	133	34	4	—	—	21	9	99	—	12	—	25	62
\$12,500 to \$14,999	69	61	5	6	—	29	21	8	—	—	8	—	—
\$15,000 to \$19,999	131	65	—	20	7	29	9	66	—	11	6	7	42
\$20,000 to \$24,999	32	10	—	—	—	10	—	22	—	6	—	—	16
\$25,000 to \$34,999	12	—	—	—	—	—	—	12	—	—	7	5	—
\$35,000 to \$49,999	8	—	—	—	—	—	—	8	—	—	—	8	—
\$50,000 or more	11	4	—	—	—	4	—	7	—	—	—	—	7
Median	\$7 080	\$10 551	\$10 938	\$17 937	\$7 344	\$13 491	\$6 989	\$6 338	—	\$15 568	\$7 188	\$6 797	\$5 880
Mean	\$8 837	\$11 100	\$7 365	\$14 975	\$11 707	\$14 604	\$7 712	\$8 054	—	\$15 347	\$7 745	\$7 993	\$7 791
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 091	274	6	30	15	99	124	817	—	20	30	156	611
With a mortgage	159	62	6	20	—	28	8	97	—	13	8	35	41
Less than \$200	48	25	—	4	—	21	—	23	—	—	7	16	—
\$200 to \$249	20	—	—	—	—	—	—	20	—	5	—	8	7
\$250 to \$299	24	6	—	6	—	—	—	18	—	—	—	—	18
\$300 to \$349	15	15	—	—	—	7	8	—	—	—	—	—	—
\$350 to \$399	25	16	6	10	—	—	—	9	—	—	—	9	—
\$400 to \$449	8	—	—	—	—	—	—	8	—	8	—	—	—
\$500 to \$599	11	—	—	—	—	—	—	11	—	—	11	—	—
\$600 to \$749	—	—	—	—	—	—	—	—	—	—	—	—	—
\$750 or more	8	—	—	—	—	—	—	8	—	8	—	—	—
Median	\$274	\$300	\$375	\$325	—	\$183	\$325	\$265	—	\$459	\$750+	\$364	\$232
Not mortgaged	932	212	—	10	15	71	116	720	—	7	22	121	570
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	32	5	—	—	—	—	5	27	—	—	8	—	19
\$75 to \$99	125	17	—	—	—	7	10	108	—	7	8	13	80
\$100 to \$124	175	35	—	—	—	14	21	140	—	—	—	35	105
\$125 to \$149	168	42	—	4	—	16	22	126	—	—	6	30	90
\$150 to \$199	300	84	—	6	15	20	43	216	—	—	—	33	183
\$200 to \$249	73	16	—	—	—	8	8	57	—	—	10	47	—
\$250 or more	59	13	—	—	—	6	7	46	—	—	—	46	—
Median	\$145	\$154	—	\$158	\$175	\$148	\$150	\$142	—	\$88	\$84	\$135	\$147
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	26.6	19.5	—	18.4	30.3	16.9	25.9	29.0	—	28.0	13.1	25.4	30.5
With a mortgage	26.9	19.5	—	20.0	—	18.3	50+	41.8	—	35.9	50+	42.8	42.8
Not mortgaged	26.6	19.5	—	15.8	30.3	14.9	25.0	28.3	—	10	10.6	24.9	30.0
Income in 1979 below poverty level	172	23	6	—	—	7	10	149	—	—	8	37	104
Percent below poverty level	13.3	6.9	40.0	—	—	5.8	6.7	15.5	—	—	26.7	20.9	14.3
Renter-occupied housing units	2 454	843	232	259	48	164	140	1 611	246	200	103	372	690
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 172	684	209	210	41	105	119	1 488	224	186	80	336	662
Locking complete plumbing for exclusive use	282	159	23	49	7	59	21	123	22	14	23	36	28
UNITS IN STRUCTURE													
1, detached or attached	241	102	16	22	6	21	37	139	15	5	—	54	65
2	363	104	35	34	8	27	—	259	27	50	12	60	110
3 and 4	579	249	63	84	14	50	38	330	61	51	6	111	101
5 to 9	550	190	27	98	13	23	29	360	68	49	14	76	153
10 to 49	351	114	57	21	—	26	10	237	45	39	35	31	87
50 or more	370	84	34	—	7	17	26	286	30	6	36	40	174
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 112	295	83	48	6	49	109	817	105	21	32	171	488
\$5,000 to \$9,999	742	255	97	70	7	54	27	487	109	90	30	110	148
\$10,000 to \$12,499	319	142	30	79	8	21	4	177	26	50	14	57	30
\$12,500 to \$14,999	117	59	6	32	6	15	—	58	—	33	7	—	18
\$15,000 to \$19,999	140	86	16	24	21	25	—	54	—	6	20	28	—
\$20,000 to \$24,999	24	6	—	6	—	—	—	18	6	—	6	6	6
\$25,000 to \$34,999	—	—	—	—	—	—	—	—	—	—	—	—	—
\$35,000 to \$49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$5 790	\$6 964	\$6 179	\$10 364	\$13 750	\$7 426	\$3 879	\$4 955	\$6 731	\$9 623	\$8 542	\$5 735	\$4 145
Mean	\$6 894	\$7 881	\$6 653	\$9 952	\$12 676	\$8 370	\$3 871	\$6 377	\$6 484	\$9 532	\$8 699	\$6 943	\$4 773
GROSS RENT													
Specified renter-occupied housing units	2 422	827	232	259	42	164	130	1 595	246	200	103	361	685
Less than \$100	480	153	45	18	7	53	30	327	38	8	7	99	175
\$100 to \$149	519	147	42	39	—	15	51	372	31	11	37	84	209
\$150 to \$199	737	273	79	128	16	35	15	464	106	79	27	107	145
\$200 to \$249	426	146	44	59	6	30	7	280	54	46	32	53	95
\$250 to \$299	145	60	22	8	7	23	—	85	17	50	—	12	6
\$300 to \$349	37	21	—	7	6	8	—	16	—	6	—	6	4
\$350 to \$399	—	—	—	—	—	—	—	—	—	—	—	—	—
\$400 to \$449	22	—	—	—	—	—	—	22	—	—	—	—	22
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	56	27	—	—	—	—	27	29	—	—	—	—	29
Median	\$161	\$168	\$163	\$181	\$198	\$179	\$116	\$157	\$170	\$201	\$165	\$149	\$140
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	29.2	26.4	35.9	23.6	18.8	19.7	45.4	30.6	30.0	26.5	21.8	26.6	36.3
Income in 1979 below poverty level	713	201	59	33	6	32	71	512	75	21	26	131	259
Percent below poverty level	29.1	23.8	25.4	12.7	12.5	19.5	50.7	31.8	30.5	10.5	25.2	35.2	37.5

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Williamsport city

	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----	82	49	11	22
ROOMS				
1 to 3 rooms -----	6	—	6	—
4 rooms -----	—	—	—	—
5 rooms -----	—	—	—	—
6 rooms -----	31	31	—	—
7 rooms -----	31	18	—	13
8 or more rooms -----	14	—	5	9
Median -----	6.6	6.3	3.4	7.3
PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	82	49	11	22
Locking complete plumbing for exclusive use -----	—	—	—	—
BEDROOMS				
None -----	—	—	—	—
1 -----	6	—	6	—
2 -----	15	15	—	—
3 -----	30	19	5	—
4 -----	22	15	—	—
5 or more -----	9	—	—	—
YEAR STRUCTURE BUILT				
1975 to March 1980 -----	3	—	—	3
1970 to 1974 -----	—	—	—	—
1960 to 1969 -----	—	—	—	—
1950 to 1959 -----	6	—	—	6
1940 to 1949 -----	34	34	—	—
1939 or earlier -----	39	15	11	13
UNITS IN STRUCTURE				
1, detached or attached -----	71	49	—	22
2 or more -----	11	—	11	—
Mobile home or trailer -----	—	—	—	—
HEATING EQUIPMENT				
Central heating system -----	82	49	11	22
Other means -----	—	—	—	—
None -----	—	—	—	—
PRICE ASKED				
Specified vacant for sale only housing units -----	53	31	—	22
Less than \$10,000 -----	—	—	—	—
\$10,000 to \$19,999 -----	—	—	—	—
\$20,000 to \$29,999 -----	22	16	—	6
\$30,000 to \$39,999 -----	4	—	—	4
\$40,000 to \$49,999 -----	9	—	—	9
\$50,000 to \$59,999 -----	15	15	—	—
\$60,000 to \$79,999 -----	—	—	—	5 to 9
\$80,000 to \$99,999 -----	3	—	—	10 to 49
\$100,000 or more -----	—	—	—	50 or more
Median -----	\$40 300	\$24 900	—	\$40 600

Williamsport city

	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for rent housing units -----	662	272	257	133
ROOMS				
1 room -----	150	14	115	21
2 rooms -----	56	23	27	6
3 rooms -----	171	71	59	41
4 rooms -----	67	14	11	42
5 rooms -----	67	67	—	—
6 rooms -----	120	64	37	19
7 or more rooms -----	31	19	8	4
Median -----	3.2	4.7	2.0	3.5
PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	634	262	243	129
Locking complete plumbing for exclusive use -----	28	10	14	4
BEDROOMS				
None -----	150	14	115	21
1 -----	227	102	78	47
2 -----	165	57	26	42
3 -----	104	55	30	19
4 -----	4	—	—	4
5 or more -----	12	4	8	—
YEAR STRUCTURE BUILT				
1975 to March 1980 -----	14	2	—	12
1970 to 1974 -----	—	—	—	—
1960 to 1969 -----	—	—	—	9
1950 to 1959 -----	33	24	—	—
1940 to 1949 -----	69	53	16	—
1939 or earlier -----	102	38	48	16
UNITS IN STRUCTURE				
1, detached or attached -----	174	103	48	23
2 -----	61	15	24	22
3 and 4 -----	120	65	19	36
5 to 9 -----	155	23	89	43
10 to 49 -----	103	33	61	9
50 or more -----	49	33	16	—
Mobile home or trailer -----	—	—	—	—
RENT ASKED				
Specified vacant for rent housing units -----	662	272	257	133
Less than \$100 -----	125	43	74	8
\$100 to \$149 -----	153	28	100	25
\$150 to \$199 -----	236	76	83	77
\$200 to \$249 -----	107	98	—	9
\$250 to \$299 -----	29	15	—	14
\$300 to \$399 -----	—	—	—	—
\$400 or more -----	12	12	—	—
Median -----	\$157	\$190	\$122	\$177

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Williamsport city

	Price asked—Specified vacant for sole only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total -----	53	—	22	13	18	—	40 300	662	125	389	136	—	12	157
PLUMBING FACILITIES														
Complete plumbing for exclusive use -----	53	—	22	13	18	—	40 300	634	105	381	136	—	12	159
Locking complete plumbing for exclusive use -----	—	—	—	—	—	—	—	28	20	8	—	—	—	94
BEDROOMS														
None -----	—	—	—	—	—	—	—	150	74	76	—	—	—	101
1 -----	—	—	—	—	—	—	—	227	10	167	50	—	—	173
2 -----	15	—	—	—	15	—	—	165	29	76	60	—	—	175
3 -----	22	—	22	—	—	—	—	24 200	104	8	62	22	—	156
4 -----	7	—	—	4	3	—	—	39 400	4	4	—	—	—	85
5 or more -----	9	—	—	9	—	—	—	42 500	12	—	8	4	—	158
YEAR STRUCTURE BUILT														
1975 to March 1980 -----	3	—	—	—	3	—	95 000	14	—	7	7	—	—	200
1970 to 1974 -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1960 to 1969 -----	—	—	—	—	—	—	—	33	—	—	33	—	—	238
1950 to 1959 -----	6	—	6	—	—	—	—	28 800	69	14	33	22	—	157
1940 to 1949 -----	31	—	16	—	15	—	—	24 900	102	31	71	—	—	151
1939 or earlier -----	13	—	—	13	—	—	—	41 400	444	80	278	74	—	155
UNITS IN STRUCTURE														
1, detached or attached -----	53	—	22	13	18	—	40 300	174	41	82	51	—	—	151
2 or more -----	•••	•••	•••	•••	•••	•••	•••	488	84	307	85	—	12	161
Mobile home or trailer -----	•••	•••	•••	•••	•••	•••	•••	—	—	—	—	—	—	—

Appendix A.—Area Classifications

REGIONS	A-1
STATES	A-1
PLACES	A-1
Incorporated Places	A-1
Census Designated Places	A-1
STANDARD METROPOLITAN STATISTICAL AREAS	A-1
Definition	A-1
SMSA Titles	A-1
New SMSA Standards	A-2
BOUNDARY CHANGES	A-2
AREA MEASUREMENT	A-2

REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL	B-1	Persons	B-6	determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.
LIVING QUARTERS	B-1	Rooms	B-6	
Housing Units	B-1	Persons Per Room	B-6	
Comparability With 1970 Census Housing Unit Data	B-1	Bedrooms	B-6	
Group Quarters	B-2	STRUCTURAL CHARACTERISTICS	B-6	
Comparability With 1970 Census Group Quarters Data	B-2	Year Structure Built	B-6	
Rules for Hotels, Rooming Houses, Etc.	B-2	Units in Structure	B-6	
Staff Living Quarters	B-2	Stories in Structure	B-6	
Year-Round Housing Units	B-2	Passenger Elevator	B-6	
OCCUPANCY AND VACANCY CHARACTERISTICS	B-2	PLUMBING CHARACTERISTICS	B-6	
Occupied Housing Units	B-2	Plumbing Facilities	B-6	
Householder	B-2	Comparability With 1970 Census Plumbing Facilities Data	B-6	
Child	B-2	EQUIPMENT AND FUELS	B-6	
Nonrelative	B-3	Heating Equipment	B-6	
Age of Householder	B-3	Comparability With 1970 Census Heating Equipment Data	B-6	
Household Type	B-3	Air Conditioning	B-7	
Year Householder Moved Into Unit	B-3	Vehicles Available	B-7	
Vacant Housing Units	B-3	Comparability With 1970 Census Automobiles Available Data	B-7	
Vacancy Status	B-3	Fuels Used for House Heating and Water Heating	B-7	
Duration of Vacancy	B-3	FINANCIAL CHARACTERISTICS	B-7	
Tenure	B-3	Value	B-7	
Condominium Housing Units	B-3	Price Asked	B-7	
Comparability With 1970 Census Condominium Housing Unit Data	B-3	Mortgage Status and Selected Monthly Owner Costs	B-7	
Race of the Householder	B-3	Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979	B-7	
Comparability Between Sample and 100-Percent Data for Race of the Householder	B-4	Rent	B-7	
Comparability With 1970 Census Data on Race of the Householder	B-4	Gross Rent as a Percentage of Household Income in 1979	B-8	
Spanish/Hispanic Origin of the Householder	B-5	Household Income in 1979	B-8	
Limitations of the Data on Householders of Spanish/Hispanic Origin	B-5	Median Income	B-8	
Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin	B-5	Comparability With 1970 Census Income Data	B-8	
Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage	B-5	Poverty Status in 1979	B-8	
UTILIZATION CHARACTERISTICS	B-6	GENERAL		
		The 1980 census was conducted primarily through self-enumeration. The principal		

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit he previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating

"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

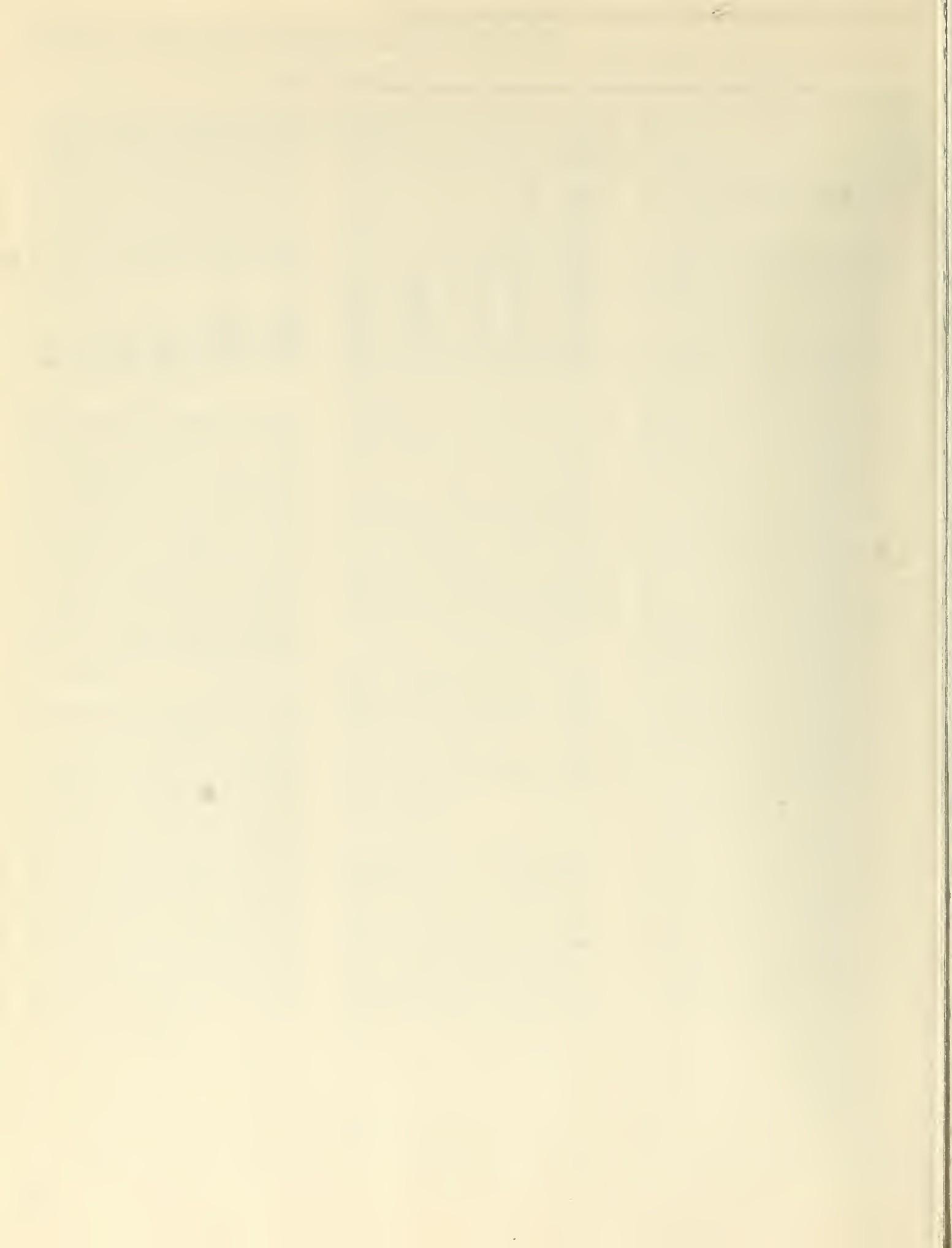
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Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
									14,024



Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE	C-1
Armed Forces	C-1
Crews of Merchant Vessels	C-1
Persons Away at School	C-1
Persons in Institutions	C-1
Persons Away From Their Residence on Census Day	C-1
Americans Abroad	C-2
Citizens of Foreign Countries	C-2
DATA COLLECTION	
PROCEDURES	C-2
PROCESSING PROCEDURES	C-2

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

INTRODUCTION	D-1
SAMPLE DESIGN	D-1
ERRORS IN THE DATA	D-1
Calculation of Standard Errors ..	D-2
Totals and Percentages	D-2
Differences	D-2
Means	D-2
Medians	D-2
Confidence Intervals	D-3
Use of Tables to Compute Standard Errors	D-3
ESTIMATION PROCEDURE	D-3
CONTROL OF NONSAMPLING ERROR	D-5
Undercoverage	D-5
Respondent and Enumerator Error	D-5
Processing Error	D-6
Nonresponse	D-6
EDITING OF UNACCEPTABLE DATA	D-6
ALLOCATION TABLES	D-6

INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

<i>Group</i>	<i>Persons in Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
<i>Persons in Housing Units With a Family Without Own Children Under 18</i>	
6-10	2 persons in housing unit through 8 or more persons in housing unit
<i>Persons in All Other Housing Units</i>	
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	<i>Persons in group quarters</i>

	Stage II—Householder/ Nonhouseholder
<i>Group</i>	
1	Householder
2	Nonhouseholder (including persons in group quarters)
 Stage III—Age/Sex/Race/Spanish Origin	
<i>Group</i>	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

<i>Group</i>	<i>Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit

	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

<i>Group</i>	<i>Owner</i>
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	Other Race (includes those races not listed above)
	<i>Black Race</i>	169-190 Same rent—Spanish origin categories as groups 81 to 102
17-32	Same value—Spanish origin categories as groups 1 to 16	
	<i>Asian, Pacific Islander Race</i>	
33-48	Same value—Spanish origin categories as groups 1 to 16	VACANT HOUSING UNITS
	<i>American Indian, Eskimo, or Aleut Race</i>	
49-64	Same value—Spanish origin categories as groups 1 to 16	
	<i>Other Race (includes those races not listed above)</i>	
65-80	Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
	<i>Black Race</i>	
103-124	Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i>	
125-146	Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i>	
147-168	Same rent—Spanish origin categories as groups 81 to 102	

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <u>1</u>	Size of publication area <u>2</u> /														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570
1 000 000....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470
10 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <u>1</u> /													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.1
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1	0.1

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

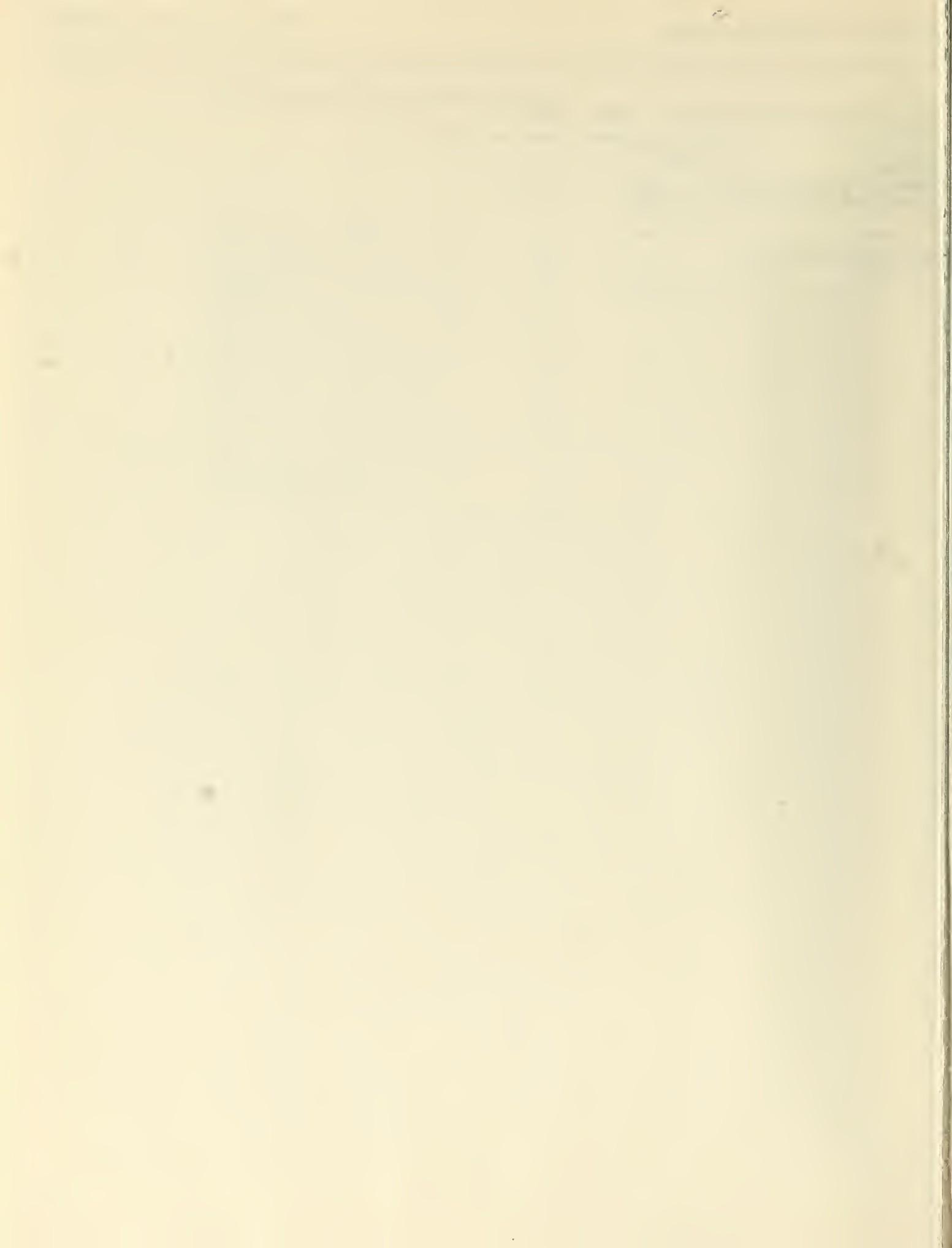
Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status.....	1.1	0.9	0.5
Tenure.....	1.1	1.0	0.5
Units in structure.....	1.1	0.9	0.5
Stories in structure.....	0.9	0.8	0.5
Passenger elevator.....	0.9	0.8	0.4
Source of water.....	1.0	0.8	0.5
Sewage disposal.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Kitchen facilities.....	1.1	0.9	0.5
Number of bedrooms or bathrooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Income.....	1.1	0.9	0.5
Poverty status.....	1.1	0.9	0.5
Complete plumbing facilities for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

	Housing units	
	100-percent count	Percent in sample
The SMSA -----	47 534	28.2
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's		
Williamsport city -----	13 689	15.2



Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.

2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.

4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.

5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.

6. If the person's only marriage was annulled, mark Never married.

7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.

8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.

9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.

- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.

- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

Appendix E.--Facsimiles of Respondent Instructions and Questionnaire Pages

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A **one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban lot* is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer Yes *only* if the telephone is located in your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).
 Work in own business, professional practice, or farm.
 Any work in a family business or farm, paid or not.
 Any part-time work including babysitting, paper routes, etc.
 Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.
 Unpaid volunteer work.
 Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

- 26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.
- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

- c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

- 30.** If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a.** Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

- 32.** Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

- 33.** If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:					
DO	A1	A2	A4	A5	A6
L					

Your answers are confidential

By law (title 13, U S Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

Page 1

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly.

Make sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope, no stamp is needed.

Please start by answering Question 1 below.

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

Then please:

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → <i>Please fill one column for each person listed in Question 1.</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">PERSON in column 1</th> <th style="width: 50%;">PERSON in column 2</th> </tr> </thead> <tbody> <tr> <td>Last name</td> <td>Last name</td> </tr> <tr> <td>First name</td> <td>Middle initial</td> </tr> <tr> <td></td> <td>First name</td> </tr> <tr> <td></td> <td>Middle initial</td> </tr> </tbody> </table>		PERSON in column 1	PERSON in column 2	Last name	Last name	First name	Middle initial		First name		Middle initial																																																									
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<p>2. How is this person related to the person in column 1? <i>Fill one circle.</i> <i>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</i></p>																																																																						
<p>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</p>																																																																						
<p>If relative of person in column 1:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><input type="radio"/> Husband/wife</td> <td style="width: 50%;"><input type="radio"/> Father/mother</td> </tr> <tr> <td><input type="radio"/> Son/daughter</td> <td><input type="radio"/> Other relative</td> </tr> <tr> <td><input type="radio"/> Brother/sister</td> <td></td> </tr> </table> <p>If not related to person in column 1:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><input type="radio"/> Roomer, boarder</td> <td style="width: 50%;"><input type="radio"/> Other nonrelative</td> </tr> <tr> <td><input type="radio"/> Partner, roommate</td> <td></td> </tr> <tr> <td><input type="radio"/> Paid employee</td> <td></td> </tr> </table>				<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother	<input type="radio"/> Son/daughter	<input type="radio"/> Other relative	<input type="radio"/> Brother/sister		<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative	<input type="radio"/> Partner, roommate		<input type="radio"/> Paid employee																																																								
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<p>3. Sex <i>Fill one circle.</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"><input type="radio"/> Male</td> <td style="width: 33%;"><input checked="" type="checkbox"/></td> <td style="width: 33%;"><input type="radio"/> Female</td> </tr> </table>				<input type="radio"/> Male	<input checked="" type="checkbox"/>	<input type="radio"/> Female																																																																
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<p>5. Age, and month and year of birth</p> <p>a. <i>Print age at last birthday.</i></p> <p>b. <i>Print month and fill one circle.</i></p> <p>c. <i>Print year in the spaces, and fill one circle below each number.</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; vertical-align: top;"> a. Age at last birthday <div style="border: 1px solid black; padding: 2px; text-align: center;">1</div> </td> <td style="width: 33%; vertical-align: top;"> c. Year of birth <div style="border: 1px solid black; padding: 2px; text-align: center;">1 0 0 0</div> </td> <td style="width: 33%; vertical-align: top;"> b. Month of birth <div style="border: 1px solid black; padding: 2px; text-align: center;">1 ● 8 ○ 0 ○ 0 ○</div> <table style="margin-left: 20px; border-collapse: collapse;"> <tr><td>1</td><td>○</td><td>8</td><td>○</td><td>0</td><td>○</td><td>0</td><td>○</td></tr> <tr><td>2</td><td>○</td><td>9</td><td>○</td><td>1</td><td>○</td><td>2</td><td>○</td></tr> <tr><td>3</td><td>○</td><td>2</td><td>○</td><td>3</td><td>○</td><td>4</td><td>○</td></tr> <tr><td>4</td><td>○</td><td>4</td><td>○</td><td>5</td><td>○</td><td>6</td><td>○</td></tr> <tr><td>5</td><td>○</td><td>5</td><td>○</td><td>6</td><td>○</td><td>7</td><td>○</td></tr> <tr><td>6</td><td>○</td><td>6</td><td>○</td><td>7</td><td>○</td><td>8</td><td>○</td></tr> <tr><td>7</td><td>○</td><td>7</td><td>○</td><td>8</td><td>○</td><td>9</td><td>○</td></tr> <tr><td>8</td><td>○</td><td>8</td><td>○</td><td>9</td><td>○</td><td>9</td><td>○</td></tr> </table> <p style="margin-left: 20px;"> <i>Jan.—Mar.</i> <i>Apr.—June</i> <i>July—Sept.</i> <i>Oct.—Dec.</i> </p> </td> </tr> </table>				a. Age at last birthday <div style="border: 1px solid black; padding: 2px; text-align: center;">1</div>	c. Year of birth <div style="border: 1px solid black; padding: 2px; text-align: center;">1 0 0 0</div>	b. Month of birth <div style="border: 1px solid black; padding: 2px; text-align: center;">1 ● 8 ○ 0 ○ 0 ○</div> <table style="margin-left: 20px; border-collapse: collapse;"> <tr><td>1</td><td>○</td><td>8</td><td>○</td><td>0</td><td>○</td><td>0</td><td>○</td></tr> <tr><td>2</td><td>○</td><td>9</td><td>○</td><td>1</td><td>○</td><td>2</td><td>○</td></tr> <tr><td>3</td><td>○</td><td>2</td><td>○</td><td>3</td><td>○</td><td>4</td><td>○</td></tr> <tr><td>4</td><td>○</td><td>4</td><td>○</td><td>5</td><td>○</td><td>6</td><td>○</td></tr> <tr><td>5</td><td>○</td><td>5</td><td>○</td><td>6</td><td>○</td><td>7</td><td>○</td></tr> <tr><td>6</td><td>○</td><td>6</td><td>○</td><td>7</td><td>○</td><td>8</td><td>○</td></tr> <tr><td>7</td><td>○</td><td>7</td><td>○</td><td>8</td><td>○</td><td>9</td><td>○</td></tr> <tr><td>8</td><td>○</td><td>8</td><td>○</td><td>9</td><td>○</td><td>9</td><td>○</td></tr> </table> <p style="margin-left: 20px;"> <i>Jan.—Mar.</i> <i>Apr.—June</i> <i>July—Sept.</i> <i>Oct.—Dec.</i> </p>	1	○	8	○	0	○	0	○	2	○	9	○	1	○	2	○	3	○	2	○	3	○	4	○	4	○	4	○	5	○	6	○	5	○	5	○	6	○	7	○	6	○	6	○	7	○	8	○	7	○	7	○	8	○	9	○	8	○	8	○	9	○	9	○
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<p>7. Is this person of Spanish/Hispanic origin or descent? <i>Fill one circle.</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic </td> <td style="width: 50%; vertical-align: top;"> <input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic </td> </tr> </table>				<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic																																																																	
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<p>9. What is the highest grade (or year) of regular school this person has ever attended? <i>Fill one circle.</i> <i>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) <div style="border-bottom: 1px solid black; width: 100%; text-align: center; padding: 2px;">1 2 3 4 5 6 7 8 9 10 11 12</div> <div style="width: 100%; text-align: center; padding: 2px;"> <input type="radio"/> <input type="radio"/> </div> </td> <td style="width: 50%; vertical-align: top;"> Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) <div style="border-bottom: 1px solid black; width: 100%; text-align: center; padding: 2px;">1 2 3 4 5 6 7 8 9 10 11 12</div> <div style="width: 100%; text-align: center; padding: 2px;"> <input type="radio"/> <input type="radio"/> </div> </td> </tr> </table>				Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) <div style="border-bottom: 1px solid black; width: 100%; text-align: center; padding: 2px;">1 2 3 4 5 6 7 8 9 10 11 12</div> <div style="width: 100%; text-align: center; padding: 2px;"> <input type="radio"/> <input type="radio"/> </div>	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) <div style="border-bottom: 1px solid black; width: 100%; text-align: center; padding: 2px;">1 2 3 4 5 6 7 8 9 10 11 12</div> <div style="width: 100%; text-align: center; padding: 2px;"> <input type="radio"/> <input type="radio"/> </div>																																																																	
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<p>10. Did this person finish the highest grade (or year) attended? <i>Fill one circle.</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year) </td> <td style="width: 50%; vertical-align: top;"> <input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year) </td> </tr> </table>				<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)																																																																	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)																																																																					
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→ NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD

PERSON in column 7											
Last name											
First name	Middle initial										
If relative of person in column 1:											
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother										
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative										
<input type="radio"/> Brother/sister											
If not related to person in column 1:											
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative										
<input type="radio"/> Partner, roommate											
<input type="radio"/> Paid employee											
<input type="radio"/> Male	<input checked="" type="checkbox"/> Female										
White											
<input type="radio"/> Black or Negro											
<input type="radio"/> Japanese											
<input type="radio"/> Chinese											
<input type="radio"/> Filipino											
<input type="radio"/> Korean											
<input type="radio"/> Vietnamese											
<input type="radio"/> Indian (Amer.) Print tribe →											
a. Age at last birthday	c. Year of birth										
1											
1 <input checked="" type="radio"/>	8 <input type="radio"/>	0 <input type="radio"/>	0 <input type="radio"/>								
9 <input type="radio"/>	1 <input type="radio"/>	0 <input type="radio"/>	1 <input type="radio"/>								
2 <input type="radio"/>	2 <input type="radio"/>										
3 <input type="radio"/>	3 <input type="radio"/>										
4 <input type="radio"/>	4 <input type="radio"/>										
5 <input type="radio"/>	5 <input type="radio"/>										
6 <input type="radio"/>	6 <input type="radio"/>										
7 <input type="radio"/>	7 <input type="radio"/>										
8 <input type="radio"/>	8 <input type="radio"/>										
9 <input type="radio"/>	9 <input type="radio"/>										
<input type="radio"/> Now married	<input type="radio"/> Separated										
<input type="radio"/> Widowed	<input type="radio"/> Never married										
<input type="radio"/> Divorced											
<input type="radio"/> No (not Spanish/Hispanic)											
<input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano											
<input type="radio"/> Yes, Puerto Rican											
<input checked="" type="radio"/> Yes, Cuban											
<input type="radio"/> Yes, other Spanish/Hispanic											
<input type="radio"/> No, has not attended since February 1											
<input type="radio"/> Yes, public school, public college											
<input type="radio"/> Yes, private, church-related											
<input type="radio"/> Yes, private, not church-related											
Highest grade attended:											
<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten										
Elementary through high school (grade or year)											
1	2	3	4	5	6	7	8	9	10	11	12
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
College (academic year) →											
1	2	3	4	5	6	7	8 or more				
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
<input type="radio"/> Never attended school—Skip question 10											
<input type="radio"/> Now attending this grade (or year)											
<input type="radio"/> Finished this grade (or year)											
<input type="radio"/> Did not finish this grade (or year)											
CENSUS USE ONLY	A.	<input type="radio"/> I	<input type="radio"/> N	<input type="radio"/> O							

If you listed more than 7 persons in Question 1, please see note on page 20.											
H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?											
<input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No											
H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?											
<input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No											
H3. Is anyone visiting here who is not already listed?											
<input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No											
H4. How many living quarters, occupied and vacant, are at this address?											
<input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer											
H5. Do you enter your living quarters —											
<input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?											
H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?											
<input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No, have some but not all plumbing facilities <input type="radio"/> No plumbing facilities in living quarters											
H7. How many rooms do you have in your living quarters? <i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i>											
<input type="radio"/> 1 room <input type="radio"/> 2 rooms <input type="radio"/> 3 rooms <input type="radio"/> 4 rooms <input type="radio"/> 5 rooms <input type="radio"/> 6 rooms <input type="radio"/> 7 rooms <input type="radio"/> 8 rooms <input type="radio"/> 9 or more rooms											
H8. Are your living quarters —											
<input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?											
FOR CENSUS USE ONLY											
A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units			D. Months vacant	E. Total persons				
			C1. Is this unit for —	C2. Vacancy status	C3. Is this unit boarded up?						
1 1 1	1 1 1 1	Occupied	<input type="radio"/> First form	<input type="radio"/> Continuation	<input type="radio"/> Year round use	<input type="radio"/> Less than 1 month	1 1 1				
2 2 2	2 2 2 2	Vacant	<input type="radio"/> Regular	<input type="radio"/> Usual home elsewhere	<input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.	<input type="radio"/> 1 up to 2 months	2 2 2				
3 3 3	3 3 3 3	Group quarters	<input type="radio"/> For rent	<input type="radio"/> Held for occasional use	<input type="radio"/> 2 up to 6 months	<input type="radio"/> 2 up to 12 months	3 3 3				
4 4 4	4 4 4 4	<input type="radio"/> First form	<input type="radio"/> For sale only	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> 6 up to 12 months	<input type="radio"/> 1 year up to 2 years	4 4 4				
5 5 5	5 5 5 5	<input type="radio"/> Continuation	<input type="radio"/> Other vacant		<input type="radio"/> 2 or more years	<input type="radio"/> 2 or more years	5 5 5				
6 6 6	6 6 6 6						6 6 6				
7 7 7	7 7 7 7						7 7 7				
8 8 8	8 8 8 8						8 8 8				
9 9 9	9 9 9 9						9 9 9				
			<input type="radio"/> Yes	<input type="radio"/> No							

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

ALSO ANSWER THESE QUESTIONS

<p>H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <ul style="list-style-type: none"> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. 	<p>H21a. Which fuel is used most for house heating?</p> <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used
<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <ul style="list-style-type: none"> <input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories 	
<p>b. Is there a passenger elevator in this building?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	
<p>H15a. Is this building —</p> <ul style="list-style-type: none"> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i> <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? 	
<p>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</p> <ul style="list-style-type: none"> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$250 to \$599 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$50 to \$249 <input checked="" type="radio"/> \$600 to \$999 <input type="radio"/> \$2,500 or more 	
<p>H16. Do you get water from —</p> <ul style="list-style-type: none"> <input type="radio"/> A public system (<i>city water department, etc.</i>) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (<i>a spring, creek, river, cistern, etc.</i>)? 	
<p>H17. Is this building connected to a public sewer?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means 	
<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974 	
<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969 	
<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <ul style="list-style-type: none"> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (<i>Do not count electric heat pumps here</i>) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (<i>permanently installed in wall, ceiling, or baseboard</i>) <input checked="" type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (<i>not portable</i>) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment 	

<p>H21a. Which fuel is used most for house heating?</p> <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	<p>H22a.</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>○</td><td>○</td><td>○</td></tr> <tr><td>I</td><td>I</td><td>I</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>G</td><td>G</td><td>G</td></tr> <tr><td>?</td><td>?</td><td>?</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	○	○	○	I	I	I	2	2	2	3	3	3	4	4	4	5	5	5	G	G	G	?	?	?	8	8	8	9	9	9																		
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<p>b. Which fuel is used most for water heating?</p> <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. 																																																	
<p>c. Which fuel is used most for cooking?</p> <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. 																																																	
<p>H22b.</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>○</td><td>○</td><td>○</td></tr> <tr><td>I</td><td>I</td><td>I</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>G</td><td>G</td><td>G</td></tr> <tr><td>?</td><td>?</td><td>?</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>		○	○	○	I	I	I	2	2	2	3	3	3	4	4	4	5	5	5	G	G	G	?	?	?	8	8	8	9	9	9																		
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8	8	8																																															
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<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>\$</td><td>.00</td><td>OR</td><td><input type="radio"/> Included in rent or no charge</td></tr> <tr><td colspan="3"></td><td><input type="radio"/> Electricity not used</td></tr> <tr><td colspan="3"><i>Average monthly cost</i></td><td></td></tr> </table> <p>b. Gas</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>\$</td><td>.00</td><td>OR</td><td><input type="radio"/> Included in rent or no charge</td></tr> <tr><td colspan="3"></td><td><input type="radio"/> Gas not used</td></tr> <tr><td colspan="3"><i>Average monthly cost</i></td><td></td></tr> </table> <p>c. Water</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>\$</td><td>.00</td><td>OR</td><td><input type="radio"/> Included in rent or no charge</td></tr> <tr><td colspan="3"></td><td><input type="radio"/> Yearly cost</td></tr> <tr><td colspan="3"><i>Yearly cost</i></td><td></td></tr> </table> <p>d. Oil, coal, kerosene, wood, etc.</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>\$</td><td>.00</td><td>OR</td><td><input type="radio"/> Included in rent or no charge</td></tr> <tr><td colspan="3"></td><td><input type="radio"/> These fuels not used</td></tr> <tr><td colspan="3"><i>Yearly cost</i></td><td></td></tr> </table>		\$.00	OR	<input type="radio"/> Included in rent or no charge				<input type="radio"/> Electricity not used	<i>Average monthly cost</i>				\$.00	OR	<input type="radio"/> Included in rent or no charge				<input type="radio"/> Gas not used	<i>Average monthly cost</i>				\$.00	OR	<input type="radio"/> Included in rent or no charge				<input type="radio"/> Yearly cost	<i>Yearly cost</i>				\$.00	OR	<input type="radio"/> Included in rent or no charge				<input type="radio"/> These fuels not used	<i>Yearly cost</i>			
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<p>H22c.</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>○</td><td>○</td><td>○</td></tr> <tr><td>I</td><td>I</td><td>I</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>G</td><td>G</td><td>G</td></tr> <tr><td>?</td><td>?</td><td>?</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>		○	○	○	I	I	I	2	2	2	3	3	3	4	4	4	5	5	5	G	G	G	?	?	?	8	8	8	9	9	9																		
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9	9	9																																															
<p>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input checked="" type="radio"/> No 																																																	
<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms 																																																	
<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i></p> <p><i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <ul style="list-style-type: none"> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms 																																																	
<p>H26. Do you have a telephone in your living quarters?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input checked="" type="radio"/> No 																																																	
<p>H27. Do you have air conditioning?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No 																																																	
<p>H28. How many automobiles are kept at home for use by members of your household?</p> <ul style="list-style-type: none"> <input type="radio"/> None <input checked="" type="radio"/> 2 automobiles <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles 																																																	
<p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 2 vans or trucks <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks 																																																	

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

FOR YOUR HOUSEHOLD

Page 5

Please answer H30—H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$.00 OR No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

(1)	2.	4.	(2)	2.	4.	(3)	2.	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
I I	I I I	I I I	I I	I I I	I I I	I I	I I I	I I I
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Yes	3 3	3 3 3	Yes	3 3	3 3 3	Yes	3 3	3 3 3
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(4)	2.	4.	(5)	2.	4.	(6)	2.	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
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Yes	3 3	3 3 3	Yes	3 3	3 3 3	Yes	3 3	3 3 3
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5	5 5 5	5 5 5	5	5 5 5	5 5 5	5	5 5 5	5 5 5
6	6 6 6	6 6 6	6	6 6 6	6 6 6	6	6 6 6	6 6 6
No	?	?	No	?	?	No	?	?
○ 8	8 8 8	8 8 8	○ 8	8 8 8	8 8 8	○ 8	8 8 8	8 8 8
9	9 9 9	9 9 9	9	9 9 9	9 9 9	9	9 9 9	9 9 9
(7)	2.	4.	GQ.	2.	H30.	H31.	2.	H32c.
S.S.	○ ○	○ ○ ○	○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○	○ ○ ○ ○	○ ○ ○ ○
I I	I I I	I I I	I I	I I I I	I I I I	I I	I I I I	I I I I
2 2	2 2 2	2 2 2	2 2	2 2 2 2	2 2 2 2	2 2	2 2 2 2	2 2 2 2
Yes	3 3	3 3 3	3 3	3 3 3 3	3 3 3 3	3 3 3	3 3 3 3	3 3 3 3
○ 4	4 4 4	4 4 4	○ 4	4 4 4 4	4 4 4 4	○ 4	4 4 4 4	4 4 4 4
5	5 5 5	5 5 5	5	5 5 5 5	5 5 5 5	5	5 5 5 5	5 5 5 5
6	6 6 6	6 6 6	6	6 6 6 6	6 6 6 6	6	6 6 6 6	6 6 6 6
No	?	?	?	?	?	?	?	?
○ 8	8 8 8	8 8 8	○ 8	8 8 8 8	8 8 8 8	○ 8	8 8 8 8	8 8 8 8
9	9 9 9	9 9 9	9	9 9 9 9	9 9 9 9	9	9 9 9 9	9 9 9 9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

Name of Person 1 on page 2: Last name First name Middle initial		
11. In what State or foreign country was this person born? Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.		
Name of State or foreign country; or Puerto Rico, Guam, etc.		
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents		
b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950		
13a. Does this person speak a language other than English at home? <input checked="" type="radio"/> Yes <input type="radio"/> No, only speaks English — Skip to 14		
b. What is this language? (For example — Chinese, Italian, Spanish, etc.)		
c. How well does this person speak English? <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all		
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide. (For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)		
15a. Did this person live in this house five years ago (April 1, 1975)? If in college or Armed Forces in April 1975, report place of residence there. <input type="radio"/> Born April 1975 or later — Turn to next page for next person <input type="radio"/> Yes, this house — Skip to 16 <input type="radio"/> No, different house		
b. Where did this person live five years ago (April 1, 1975)? (1) State, foreign country. Puerto Rico, Guam, etc.: _____		
 (2) County: _____		
 (3) City, town, village, etc.: _____		
 (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area		

ANSWER THESE QUESTIONS FOR											
16. When was this person born? <input type="radio"/> Born before April 1965 — Please go on with questions 17-33 <input checked="" type="radio"/> Born April 1965 or later — Turn to next page for next person											
17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No											
b. Attending college? <input type="radio"/> Yes <input type="radio"/> No											
c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time											
18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see instruction guide.</i> <input type="radio"/> Yes <input type="radio"/> No — Skip to 19											
b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i> <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964—April 1975) <input type="radio"/> February 1955—July 1964 <input type="radio"/> Korean conflict (June 1950—January 1955) <input type="radio"/> World War II (September 1940—July 1947) <input type="radio"/> World War I (April 1917—November 1918) <input type="radio"/> Any other time											
19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which ... a. Limits the kind or amount of work this person can do at a job? <input type="radio"/> Yes <input type="radio"/> No b. Prevents this person from working at a job? <input type="radio"/> Yes <input type="radio"/> No c. Limits or prevents this person from using public transportation? <input type="radio"/> Yes <input type="radio"/> No											
20. If this person is a female — <input type="radio"/> None <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 How many babies has she ever had, not counting stillbirths? <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <i>Do not count her stepchildren or children she has adopted.</i> <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12 or more											
21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once											
b. Month and year of marriage? Month and year of first marriage? <small>(Month) (Year) (Month) (Year)</small>											
c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No											
FOR CENSUS USE ONLY											
Per. No.	11. []	13b.	14. []	15b.	23. []	VL	24a.				
I	I I I	I I I	I I I	I I I	I I I	I I I	I I I				
2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2				
3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3				
4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4				
5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5				
G	G G G	G G G	G G G	G G G	G G G	G G G	G G G				
? ? ?	? ? ?	? ? ?	? ? ?	? ? ?	? ? ?	? ? ?	? ? ?				
○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○				
○ Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.) ○ No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work. Skip to 25											
b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i> Hours _____											
23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see instruction guide.</i>											
a. Address (Number and street) _____ <small>If street address is not known, enter the building name, shopping center, or other physical location description.</small>											
b. Name of city, town, village, borough, etc. _____											
c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area											
d. County _____											
e. State _____ f. ZIP Code _____											
24a. Last week, how long did it usually take this person to get from home to work (one way)? Minutes _____											
b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i>											
<input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — Specify _____											
<small>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</small>											

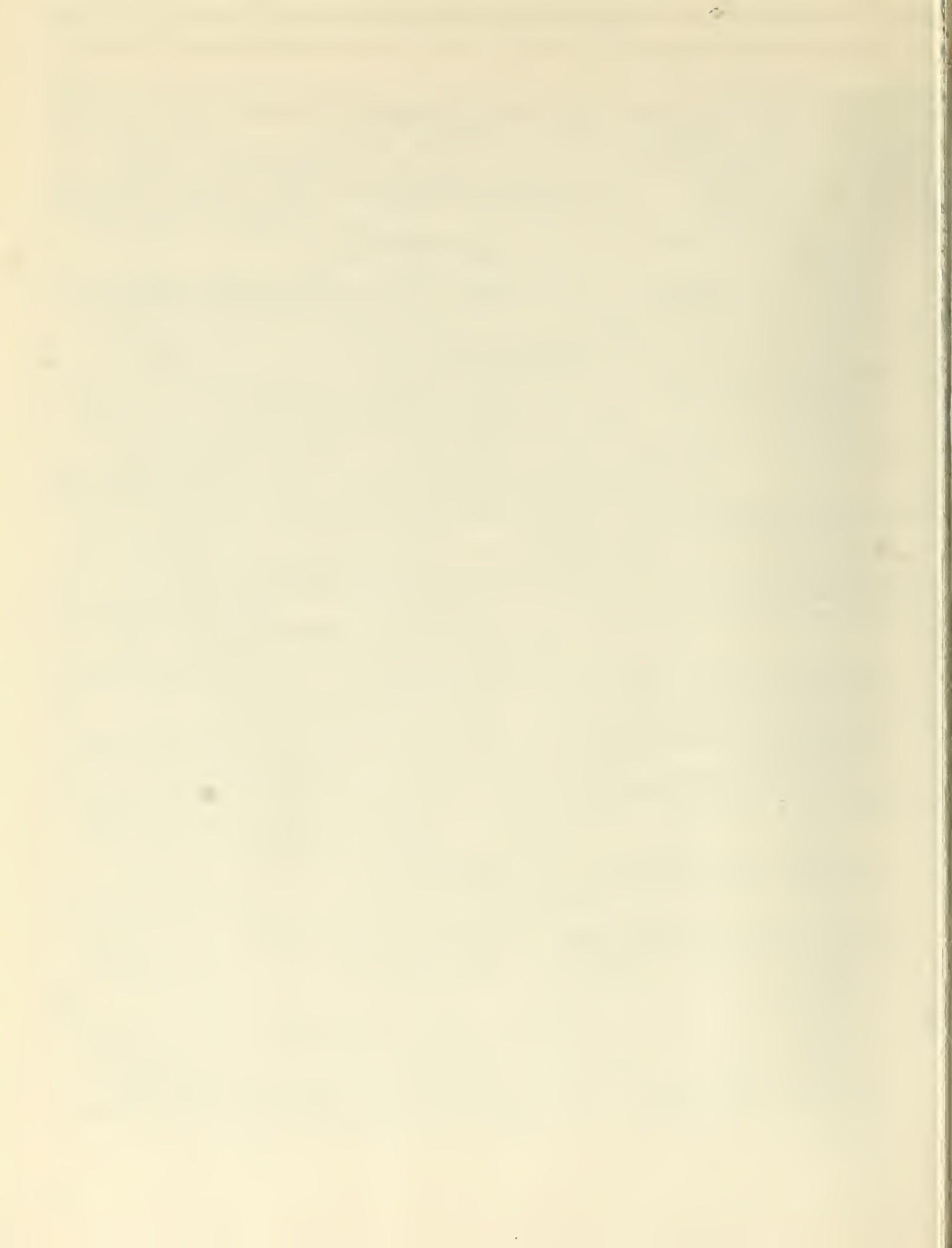
Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

PERSON 1 ON PAGE 2

Page 7

c. When going to work <u>last week</u> , did this person usually —		CENSUS USE 21b.	31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?		CENSUS USE ONLY 31b. 31c. 31d.
<input type="radio"/> Drive alone — <i>Skip to 28</i>	<input type="radio"/> Drive others only		<input type="radio"/> Yes	<input checked="" type="checkbox"/>	
<input type="radio"/> Share driving	<input type="radio"/> Ride as passenger only				
d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u> ?			b. How many weeks did this person work in 1979? <i>Count paid vacation, paid sick leave, and military service.</i>		
<input type="radio"/> 2	<input checked="" type="checkbox"/> 4	<input type="radio"/> 6	Weeks		
<input type="radio"/> 3	<input type="radio"/> 5	<input type="radio"/> 7 or more			
After answering 24d, skip to 28.					
25. Was this person <u>temporarily absent</u> or on layoff from a job or business <u>last week</u> ?			c. During the weeks worked in 1979, how many hours did this person usually work each week?		
<input type="radio"/> Yes, on layoff	<input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.		Hours		
<input type="radio"/> No					
26a. Has this person been looking for work during the last 4 weeks?			d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?		
<input type="radio"/> Yes	<input type="radio"/> No — <i>Skip to 27</i>		Weeks		
b. Could this person have taken a job <u>last week</u> ?					
<input type="radio"/> No, already has a job	<input checked="" type="checkbox"/>				
<input type="radio"/> No, temporarily ill					
<input type="radio"/> No, other reasons (<i>in school, etc.</i>)					
<input type="radio"/> Yes, could have taken a job	<input checked="" type="checkbox"/>				
27. When did this person last work, even for a few days?			32. Income in 1979 —		
<input type="radio"/> 1980	<input type="radio"/> 1978	<input type="radio"/> 1970 to 1974	<i>Fill circles and print dollar amounts.</i>		
<input type="radio"/> 1979	<input type="radio"/> 1975 to 1977	<input type="radio"/> 1969 or earlier	<i>If net income was a loss, write "Loss" above the dollar amount.</i>		
		<input type="checkbox"/> Never worked	<i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i>		
28—30. Current or most recent job activity			During 1979 did this person receive any income from the following sources?		
<i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i>					
28. Industry			32a. <input checked="" type="checkbox"/> 32b.		
a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.					
<i>(Name of company, business, organization, or other employer)</i>					
b. What kind of business or industry was this?			<i>If "Yes" to any of the sources below — How much did this person receive for the entire year?</i>		
<i>Describe the activity at location where employed.</i>					
<i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i>					
c. Is this mainly — (Fill one circle)			a. Wages, salary, commissions, bonuses, or tips from all jobs . . . <i>Report amount before deductions for taxes, bonds, dues, or other items.</i>		
Manufacturing <input checked="" type="checkbox"/>		Retail trade	<input type="radio"/> Yes → \$.00		
Wholesale trade		Other — (<i>agriculture, construction, service, government, etc.</i>)	<input type="radio"/> No <i>(Annual amount — Dollars)</i>		
29. Occupation			b. Own nonfarm business, partnership, or professional practice . . . <i>Report net income after business expenses.</i>		
<i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i>					
a. What kind of work was this person doing?			<input checked="" type="checkbox"/> Yes → \$.00		
<i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i>					
b. What were this person's most important activities or duties?			<input type="radio"/> No <i>(Annual amount — Dollars)</i>		
30. Was this person — (Fill one circle)			c. Own farm . . . <i>Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</i>		
<i>(For example: Employee of private company, business, or individual, for wages, salary, or commissions)</i>					
<i>(For example: Federal government employee, State government employee, Local government employee (city, county, etc.)</i>					
Employee of private company, business, or individual, for wages, salary, or commissions		<input checked="" type="checkbox"/>	<input type="radio"/> Yes → \$.00		
Federal government employee		<input type="radio"/>	<input type="radio"/> No <i>(Annual amount — Dollars)</i>		
State government employee		<input type="radio"/>	d. Interest, dividends, royalties, or net rental income . . . <i>Report even small amounts credited to an account.</i>		
Local government employee (city, county, etc.)		<input type="radio"/>	<input type="radio"/> Yes → \$.00		
Self-employed in own business, professional practice, or farm —			<input type="radio"/> No <i>(Annual amount — Dollars)</i>		
Own business not incorporated		<input type="radio"/>	e. Social Security or Railroad Retirement . . .		
Own business incorporated		<input type="radio"/>	<input checked="" type="checkbox"/> Yes → \$.00		
Working without pay in family business or farm		<input type="radio"/>	<input type="radio"/> No <i>(Annual amount — Dollars)</i>		
32g. <input checked="" type="checkbox"/> 33.			f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .		
<i>(For example: Employee of private company, business, or individual, for wages, salary, or commissions)</i>					
<i>(For example: Federal government employee, State government employee, Local government employee (city, county, etc.)</i>					
Employee of private company, business, or individual, for wages, salary, or commissions		<input checked="" type="checkbox"/>	<input type="radio"/> Yes → \$.00		
Federal government employee		<input type="radio"/>	<input type="radio"/> No <i>(Annual amount — Dollars)</i>		
State government employee		<input type="radio"/>	g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .		
Local government employee (city, county, etc.)		<input type="radio"/>	<i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i>		
Self-employed in own business, professional practice, or farm —			<input checked="" type="checkbox"/> Yes → \$.00		
Own business not incorporated		<input type="radio"/>	<input type="radio"/> No <i>(Annual amount — Dollars)</i>		
Own business incorporated		<input type="radio"/>	33. What was this person's total income in 1979?		
Working without pay in family business or farm		<input type="radio"/>	<i>Add entries in questions 32a through g; subtract any losses.</i> \$.00		
			<i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None		

→ Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

GENERAL.....	F-1		
PUBLICATIONS.....	F-1		
Population and Housing Census Reports	F-1		
PHC80-1, Block Statistics	F-1		
PHC80-2, Census Tracts	F-2		
PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas	F-2		
PHC80-4, Congressional Districts of the 98th Congress	F-2		
PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics.....	F-2		
PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics	F-2		
Population Census Reports	F-2		
PC80-1, Volume 1, Characteristics of the Population	F-2		
PC80-1-A, Chapter A, Number of Inhabitants	F-2		
PC80-1-B, Chapter B, General Population Characteristics	F-2		
PC80-1-C, Chapter C, General Social and Economic Characteristics.....	F-3		
PC80-1-D, Chapter D, Detailed Population Characteristics.....	F-3		
PC80-2, Volume 2, Subject Reports	F-3		
PC80-S1, Supplementary Reports	F-3		
Housing Census Reports	F-3		
HC80-1, Volume 1, Characteristics of Housing Units	F-3		
HC80-1-A, Chapter A, General Housing Characteristics.....	F-3		
HC80-1-B, Chapter B, Detailed Housing Characteristics.....	F-3		
HC80-2, Volume 2, Metropolitan Housing Characteristics.....	F-3		
HC80-3, Volume 3, Subject Reports	F-3		
HC80-4, Volume 4, Components of Inventory Change	F-3		
		PUBLICATIONS—Con.	
		HC80-5, Volume 5, Residential Finance	F-4
		HC80-S1-1, Supplementary Reports	F-4
		Evaluation and Reference Reports	F-4
		PHC80-E, Evaluation and Research Reports	F-4
		PHC80-R, Reference Reports	F-4
		PHC80-R1, Users' Guide ..	F-4
		PHC80-R2, History ..	F-4
		PHC80-R3, Alphabetical Index of Industries and Occupations	F-4
		PHC80-R4, Classified Index of Industries and Occupations	F-4
		PHC80-R5, Geographic Identification Code Scheme	F-4
		COMPUTER TAPES	F-4
		Summary Tape Files	F-4
		STF 1	F-4
		STF 2	F-4
		STF 3	F-4
		STF 4	F-5
		STF 5	F-5
		Other Computer Tape Files	F-5
		P.L. 94-171, Population Counts	F-5
		Master Area Reference Files 1 and 2 (MARF)	F-5
		Geographic Base File/Dual Independent Map Encoding (GBF/DIME)	F-5
		Public-Use Microdata Samples	F-5
		Census/EEO Special File	F-5
		MAPS	F-5
		MICROFICHE	F-5
		STF 1 Microfiche	F-5
		STF 3 Microfiche	F-5
		P.L. 94-171 Counts Microfiche ..	F-5
		GENERAL	
		The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape	
		files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.	
		The publications of the 1980 census are released under three subject titles: <i>1980 Census of Population and Housing</i> , <i>1980 Census of Population</i> , and <i>1980 Census of Housing</i> . The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.	
		The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).	
		Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.	
		PUBLICATIONS	
		Population and Housing Census Reports	
		PHC80-1, Block Statistics—These reports, which are issued on microfiche rather	

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

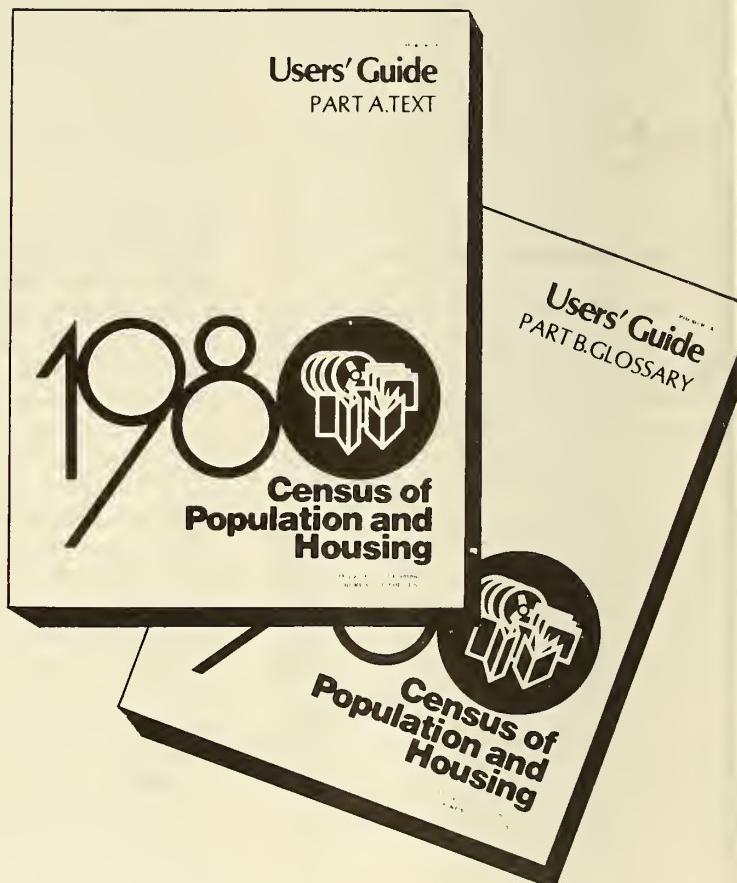
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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